

# DATACOM

PRODUCTS AND SOLUTIONS FOR CABLING AND DATA NETWORKS



PRODUCT GUIDE 2021

# Televes®



# Products and solutions for cabling and data networks

DataCom specializes in data networks for residential, business and hospitality environments.

At Televes, we are market leaders and offer everything you need so installers and system integrators can do their jobs smoothly, and exceed users' expectations.



Copper solutions



Optic fiber



Racks



Networking



Professional  
Equipment

<https://datacom.televes.com>

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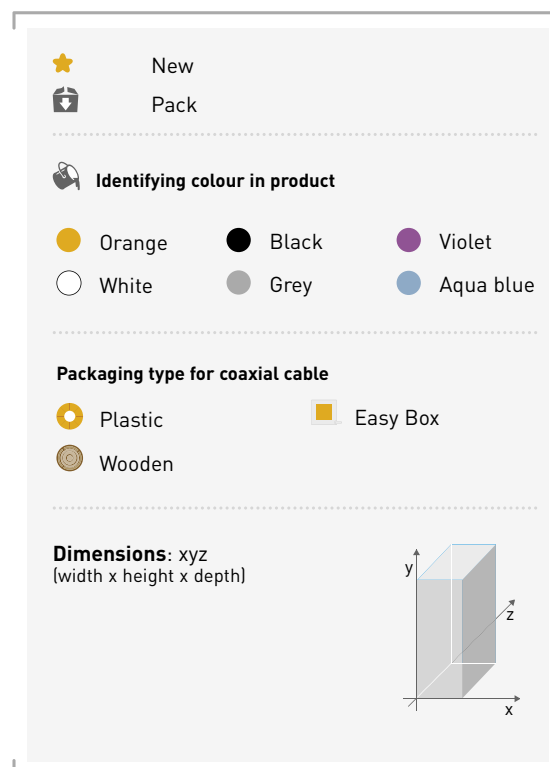
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### DATAKOM

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## CONSIDERATIONS

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### Data cable

- Cables and patch-cords with copper inner conductor are compatible with PoE/ PoE+ (Power over Ethernet) technology.

| Ref.                              | Description                                                                                              |     |     |
|-----------------------------------|----------------------------------------------------------------------------------------------------------|-----|-----|
| <b>CABLES AND PATCH-CORDS</b>     |                                                                                                          |     |     |
| <b>MULTI-FIBRE</b>                |                                                                                                          |     |     |
| <b>Tight buffer 250µm</b>         |                                                                                                          |     |     |
| 231414                            | Multi-fiber Cable 16 Single-mode Fibers Indoor/Outdoor LSFH Dca                                          | ●   | x m |
| 231614                            | Multi-fiber Cable 24 Single-mode Fibers Indoor/Outdoor LSFH Dca                                          | ●   | x m |
| 231714                            | Multi-fiber Cable 48 Single-mode Fibers Indoor/Outdoor LSFH Dca                                          | ●   | x m |
| <b>4 FIBRES</b>                   |                                                                                                          |     |     |
| <b>Tight buffer 250µm</b>         |                                                                                                          |     |     |
| 231911                            | 4 Fiber Cable Single-mode Indoor LSFH Fca                                                                | ● ● | 300 |
| <b>2 FIBRES</b>                   |                                                                                                          |     |     |
| <b>Tight buffer 900µm</b>         |                                                                                                          |     |     |
| 231901                            | 2 Fiber Cable Single-mode Indoor LSFH Dca                                                                | ● ● | 300 |
| 231902                            | 2 Fiber Cable Single-mode Indoor LSFH Dca                                                                | ● ● | 750 |
| 232001                            | 2 Fiber Cable Single-mode Outdoor LSFH Dca                                                               | ● ● | 200 |
| 232002                            | 2 Fiber Cable Single-mode Outdoor LSFH Dca                                                               | ● ● | 500 |
| <b>PRE-TERMINATED PATCH CORDS</b> |                                                                                                          |     |     |
| <b>With SC/APC connectors</b>     |                                                                                                          |     |     |
| 232602                            | F.O. Patch Cord Single-mode LSFH Pre-terminated "SC/APC" 2m (ITU-T G657A2, 900µm) Convertible to Pigtail | ○   | 25  |
| ★ 232611                          | F.O. Patch Cord Single-mode LSFH Dca Pre-terminated "SC/APC" 10m                                         | ●   | 1   |
| ★ 232612                          | F.O. Patch Cord Single-mode LSFH Dca Pre-terminated "SC/APC" 15m                                         | ●   | 1   |
| ★ 232614                          | F.O. Patch Cord Single-mode LSFH Dca Pre-terminated "SC/APC" 25m                                         | ●   | 1   |
| ★ 232616                          | F.O. Patch Cord Single-mode LSFH Dca Pre-terminated "SC/APC" 40m                                         | ●   | 1   |
| 232621                            | F.O. Patch Cord Single-mode LSFH Pre-terminated "SC/APC" 2m (Bag B4)                                     | ●   | 10  |
| 232623                            | F.O. Patch Cord Single-mode LSFH Pre-terminated "SC/APC" 0.5m (Bag B4)                                   | ●   | 20  |
| ★ 232626                          | F.O. Patch Cord Single-mode LSFH Pre-terminated "SC/APC" 1m (Bag B4)                                     | ●   | 20  |
| ★ 232652                          | F.O. Duplex Patch Cord Single-mode LSFH Dca Pre-terminated "SC/APC" 15m                                  | ●   | 1   |
| ★ 232654                          | F.O. Duplex Patch Cord Single-mode LSFH Dca Pre-terminated "SC/APC" 25m                                  | ●   | 1   |
| ★ 232656                          | F.O. Duplex Patch Cord Single-mode LSFH Dca Pre-terminated "SC/APC" 40m                                  | ●   | 1   |
| ★ 232657                          | F.O. Duplex Patch Cord Single-mode LSFH Dca Pre-terminated "SC/APC" 55m                                  | ●   | 1   |
| <b>With LC/PC connectors</b>      |                                                                                                          |     |     |
| ★ 230601                          | F.O. Pigtail Patch Cord Multi-mode OM3 LSFH Pre-terminated "LC/PC" 1m (900µm, Bag B4)                    | ●   | 1   |
| ★ 230622                          | F.O. Duplex Patch Cord Multi-mode OM3 LSFH Pre-terminated "LC/PC" 2m                                     | ●   | 1   |
| ★ 232672                          | F.O. Patch Cord Single-mode LSFH Pre-terminated "LC/UPC" 2m                                              | ●   | 1   |
| <b>With FC/PC connectors</b>      |                                                                                                          |     |     |
| 2361                              | F.O. Patch Cord Single-mode LSFH Pre-terminated "FC/UPC" 3m                                              | ●   | 1   |
| 236101                            | F.O. Patch Cord Single-mode LSFH Pre-terminated "FC/UPC" 5m                                              | ●   | 1   |
| 236102                            | F.O. Patch Cord Single-mode LSFH Pre-terminated "FC/UPC" 10m                                             | ●   | 1   |
| 236103                            | F.O. Patch Cord Single-mode LSFH Pre-terminated "FC/UPC" 20m                                             | ●   | 1   |
| 236104                            | F.O. Patch Cord Single-mode LSFH Pre-terminated "FC/UPC" 30m                                             | ●   | 1   |
| 236105                            | F.O. Patch Cord Single-mode LSFH Pre-terminated "FC/UPC" 40m                                             | ●   | 1   |
| 236106                            | F.O. Patch Cord Single-mode LSFH Pre-terminated "FC/UPC" 50m                                             | ●   | 1   |
| 236107                            | F.O. Patch Cord Single-mode LSFH Pre-terminated "FC/UPC" 75m                                             | ●   | 1   |
| 236108                            | F.O. Patch Cord Single-mode LSFH Pre-terminated "FC/UPC" 100m                                            | ●   | 1   |
| 236109                            | F.O. Patch Cord Single-mode LSFH Pre-terminated "FC/UPC" 200m                                            | ●   | 1   |
| 236110                            | F.O. Patch Cord Single-mode LSFH Pre-terminated "FC/UPC" 1m                                              | ●   | 1   |
| <b>Adapter cords</b>              |                                                                                                          |     |     |
| 232622                            | F.O. Patch Cord Single-mode LSFH Pre-terminated "SC/APC" - "SC/UPC" 0.2m                                 | ●   | 5   |
| ★ 232624                          | F.O. Patch Cord Single-mode LSFH Pre-terminated "SC/APC" - "FC/UPC" 2m (Bag B4)                          | ●   | 10  |
| ★ 232625                          | F.O. Patch Cord Single-mode LSFH Dca Pre-terminated "SC/APC" - "SC/UPC" 0.4m                             | ●   | 1   |
| ★ 232627                          | F.O. Patch Cord Single-mode LSFH Pre-terminated "LC/UPC" - "SC/APC" 2m                                   | ●   | 1   |

## F.O. CABLES

Fiber's tight buffer Ø 250µm



▲ 48 Fibers  
(231714)



▲ 24 Fibers  
(231614)



▲ 16 Fibers  
(231414)



▲ 4 Fibers -  
Indoor  
(231911)

Fiber's tight buffer Ø 900µm



▲ 2 Fibers - Indoor  
(231901 / 231902)



▲ 2 Fibers - Outdoor  
(232001 / 232002)



▲ 232611



▲ 232652



▲ 232624



| Ref.                          | Description                                                                                                |   |         |
|-------------------------------|------------------------------------------------------------------------------------------------------------|---|---------|
| <b>CABLES AND PATCH-CORDS</b> |                                                                                                            |   |         |
| <b>ACCESSORIES</b>            |                                                                                                            |   |         |
| <b>Adapters</b>               |                                                                                                            |   |         |
| 233203                        | Simplex Adapter "SC/APC" Female - "SC/APC" Female, with Auto-blocking Cap                                  |   | 25      |
| 233210                        | Duplex Adapter "SC/APC" Female - "SC/APC" Female, with Auto-blocking Cap                                   |   | 20/1000 |
| 2354                          | Fiber Optics Adapter for "FC" - "FC" Interconnection                                                       |   | 5       |
| 2356                          | Fiber Optics Adapter for a "FC" - "SC" Connector Change                                                    |   | 5       |
| <b>Dispensers</b>             |                                                                                                            |   |         |
| 212001                        | Coaxial Cable / Optical Fiber Dispenser, Small model (Plastic drums: Coaxial cable 100m and F.O. 200/300m) |   | 1       |
| 212011                        | Coaxial Cable / Optical Fiber Dispenser, Large model (Plastic drums: Coaxial cable 250m and F.O. 500/750m) |   | 1       |
| <b>Fixing</b>                 |                                                                                                            |   |         |
| ★ 200101                      | Velcro Tape for Cables 8m, Width: 20mm, Black (2 units)                                                    | ● | 1       |
| ★ 200102                      | Velcro Flange for Cables, Width: 15mm, Black (10 units)                                                    | ● | 1       |

| Ref.                        | Description                                                                                                         |  |    |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------|--|----|
| <b>OPTICAL DISTRIBUTION</b> |                                                                                                                     |  |    |
| <b>OUTLETS/KEYSTONES</b>    |                                                                                                                     |  |    |
| ★ 233230                    | Keystone Module for F.O. Adapter "SC / APC" Female, Plastic Box                                                     |  | 25 |
| ★ 233231                    | F.O. Outlet: Keystone Module with Adapter "SC / APC" Female, Plastic Box                                            |  | 20 |
| ★ 233240                    | F.O. Outlet Kit:Keystone Module with Adapter "SC / APC" Female + Patch Cord Single-mode Pre-terminated LSFH Dca 10m |  | 1  |
| ★ 233241                    | F.O. Outlet Kit:Keystone Module with Adapter "SC / APC" Female + Patch Cord Single-mode Pre-terminated LSFH Dca 15m |  | 1  |



▲ 2120xx  
 (Cable drum not included)



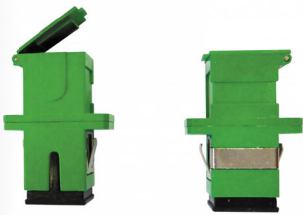
▲ 233240/41



▲ 200101



▲ 200102



▲ 233203



▲ 233210



▲ 2354



▲ 2356



▲ 233230



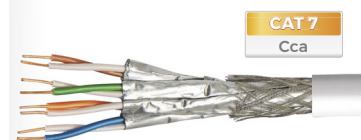
▲ 233231

| Ref.                               | Description                                               |                                                                                                                                                                         |      |
|------------------------------------|-----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|
| <b>CABLES AND PATCH-CORDS</b>      |                                                           |                                                                                                                                                                         |      |
| <b>CATEGORY 7</b>                  |                                                           |                                                                                                                                                                         |      |
| <b>Copper (Cu)</b>                 |                                                           |                                                                                                                                                                         |      |
| 219101                             | Data Cable DK7000 S/FTP Cat 7 Cca Cu LSFH Ø 7,4mm White   |   | 305  |
| <b>CATEGORY 6A</b>                 |                                                           |                                                                                                                                                                         |      |
| <b>Copper (Cu)</b>                 |                                                           |                                                                                                                                                                         |      |
| 219301                             | Data Cable DK6000A U/FTP Cat 6A Cca Cu LSFH Ø 6,9mm White |   | 305  |
| 219302                             | Data Cable DK6000A U/FTP Cat 6A Cca Cu LSFH Ø 6,9mm White |   | 500  |
| <b>CATEGORY 6</b>                  |                                                           |                                                                                                                                                                         |      |
| <b>Copper (Cu)</b>                 |                                                           |                                                                                                                                                                         |      |
| 212101                             | Data Cable DK6000 F/UTP Cat 6 Dca Cu LSFH Ø 7,2mm Violet  |   | 500  |
| 212201                             | Data Cable DK6000 U/UTP Cat 6 Fca Cu PE Ø 6,2mm White     |   | 305  |
| 2123                               | Data Cable DK6000 U/UTP Cat 6 Dca Cu LSFH Ø 6,2mm Violet  |   | 305  |
| 212302                             | Data Cable DK6000 U/UTP Cat 6 Dca Cu LSFH Ø 6,2mm Violet  |   | 1000 |
| 212305                             | Data Cable DK6000 U/UTP Cat 6 Dca Cu LSFH Ø 6,2mm White   |   | 500  |
| 212310                             | Data Cable DK6000 U/UTP Cat 6 Eca Cu LSFH Ø 6,0mm Violet  |   | 305  |
| <b>Copper Clad Aluminium (CCA)</b> |                                                           |                                                                                                                                                                         |      |
| 219901                             | Data Cable U/UTP Cat 6 Fca CCA PVC Ø 6,2mm White          |   | 305  |
| 219910                             | Data Cable U/UTP Cat 6 Fca CCA LSFH Ø 6,2mm Violet        |   | 305  |
| <b>CATEGORY 5E</b>                 |                                                           |                                                                                                                                                                         |      |
| <b>Copper (Cu)</b>                 |                                                           |                                                                                                                                                                         |      |
| 219502                             | Data Cable DK5000E F/UTP Cat 5E Eca Cu LSFH Ø 6,3mm Grey  |   | 305  |
| 219602                             | Data Cable DK5000E U/UTP Cat 5E Eca Cu LSFH Ø 5,5mm Grey  |   | 305  |
| 219701                             | Data Cable DK5000E U/UTP Cat 5E Fca Cu PE Ø 5,5mm Black   |   | 305  |
| <b>PATCH-CORDS</b>                 |                                                           |                                                                                                                                                                         |      |
| <b>Category 6A</b>                 |                                                           |                                                                                                                                                                         |      |
| 209101                             | Patch-cord RJ45 S/FTP Cat 6A Cu LSFH 0.5m Grey (Bag B0)   |                                                                                    | 1    |
| 209102                             | Patch-cord RJ45 S/FTP Cat 6A Cu LSFH 1m Grey (Bag B0)     |                                                                                    | 1    |
| 209103                             | Patch-cord RJ45 S/FTP Cat 6A Cu LSFH 2m Grey (Bag B0)     |                                                                                    | 1    |
| 209104                             | Patch-cord RJ45 S/FTP Cat 6A Cu LSFH 3m Grey (Bag B0)     |                                                                                    | 1    |
| 209105                             | Patch-cord RJ45 S/FTP Cat 6A Cu LSFH 5m Grey (Bag B0)     |                                                                                    | 1    |
| 209120                             | Patch-cord RJ45 S/FTP Cat 6A Cu LSFH 0.3m Grey (Bag B0)   |                                                                                    | 1    |
| <b>Category 6</b>                  |                                                           |                                                                                                                                                                         |      |
| 209001                             | Patch-cord RJ45 U/UTP Cat 6 Cu PVC 0,5m White (Bag B0)    |                                                                                    | 1    |
| 209002                             | Patch-cord RJ45 U/UTP Cat 6 Cu PVC 1m White (Bag B0)      |                                                                                    | 1    |
| 209003                             | Patch-cord RJ45 U/UTP Cat 6 Cu PVC 2m White (Bag B0)      |                                                                                    | 1    |
| 209004                             | Patch-cord RJ45 U/UTP Cat 6 Cu PVC 3m White (Bag B0)      |                                                                                    | 1    |
| 209005                             | Patch-cord RJ45 U/UTP Cat 6 Cu PVC 5m White (Bag B0)      |                                                                                    | 1    |
| 209011                             | Patch-cord RJ45 U/UTP Cat 6 Cu PVC 0,5m White             |                                                                                    | 10   |
| 209012                             | Patch-cord RJ45 U/UTP Cat 6 Cu PVC 1m White               |                                                                                    | 10   |
| 209013                             | Patch-cord RJ45 U/UTP Cat 6 Cu PVC 2m White               |                                                                                    | 10   |
| 209014                             | Patch-cord RJ45 U/UTP Cat 6 Cu PVC 3m White               |                                                                                    | 10   |
| 209015                             | Patch-cord RJ45 U/UTP Cat 6 Cu PVC 5m White               |                                                                                    | 10   |
| 209016                             | Patch-cord RJ45 U/UTP Cat 6 Cu PVC 7m White               |                                                                                    | 10   |
| 209017                             | Patch-cord RJ45 U/UTP Cat 6 Cu PVC 10m White              |                                                                                    | 10   |
| 209018                             | Patch-cord RJ45 U/UTP Cat 6 Cu PVC 20m White              |                                                                                    | 10   |
| 209301                             | Patch-cord RJ45 U/UTP Cat 6 Cu LSFH 0,3m Violet           |                                                                                    | 1    |
| <b>ACCESSORIES</b>                 |                                                           |                                                                                                                                                                         |      |
| 200101                             | Velcro Tape for Cables 8m, Width: 20mm, Black (2 units)   |                                                                                    | 1    |
| 200102                             | Velcro Flange for Cables, Width: 15mm, Black (10 units)   |                                                                                    | 1    |

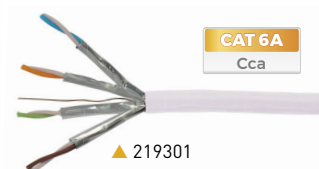
Compatibility of RJ45 connectors with Televes data cables:

| Reference         | 219602 | 219701 | 219502 | 219901 | 219910 | 212201 | 2123 | 212302 | 212305 | 212310 | 212101 | 219301 | 219302 | 219101 |
|-------------------|--------|--------|--------|--------|--------|--------|------|--------|--------|--------|--------|--------|--------|--------|
| Female Connectors | 209901 | ✓      | ✓      | ✗      | ✓      | ✓      | ✓    | ✓      | ✓      | ✓      | ✓      | ✗      | ✗      | ✗      |
|                   | 209921 | ✓      | ✓      | ✗      | ✓      | ✓      | ✓    | ✓      | ✓      | ✓      | ✓      | ✗      | ✗      | ✗      |
|                   | 209903 | ✓*     | ✓*     | ✓      | ✓*     | ✓*     | ✓*   | ✓*     | ✓*     | ✓*     | ✓*     | ✓      | ✗      | ✗      |
|                   | 209923 | ✓*     | ✓*     | ✓      | ✓*     | ✓*     | ✓*   | ✓*     | ✓*     | ✓*     | ✓*     | ✓      | ✓      | ✗      |
| Male Connectors   | 209902 | ✓      | ✓      | ✗      | ✓      | ✓      | ✓    | ✓      | ✓      | ✓      | ✓      | ✗      | ✗      | ✗      |
|                   | 209904 | ✓*     | ✓*     | ✓      | ✓*     | ✓*     | ✓*   | ✓*     | ✓*     | ✓*     | ✓*     | ✗      | ✗      | ✗      |

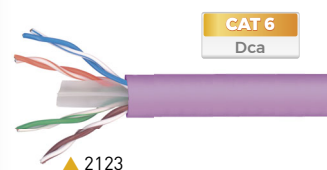
✓ Compatible | ✓\* Compatible, but there are better choices | ✗ Incompatible



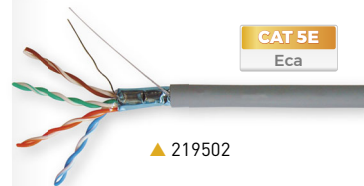
▲ 219101



▲ 219301



▲ 2123



▲ 219502



▲ 209102



▲ 209018

| Ref.               | Description                                                                                                                                                              |    |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| <b>CONNECTORS</b>  |                                                                                                                                                                          |    |
| <b>CATEGORY 6A</b> |                                                                                                                                                                          |    |
| ★ 209921           | Data Connector RJ45 UTP Cat 6A Female. Wing-nut assembly type, Plastic Box                                                                                               | 10 |
| ★ 209923           | Data Connector RJ45 FTP Cat 6A Female. Grip assembly type, Plastic Box                                                                                                   | 10 |
| <b>CATEGORY 6</b>  |                                                                                                                                                                          |    |
| 209901             | Data Connector RJ45 UTP Cat 6 Female 90°/180°. Assembly with/without Tool, Plastic Box                                                                                   | 10 |
| 209902             | Data Connector RJ45 UTP Cat 6 Male, Plastic Box                                                                                                                          | 50 |
| ★ 209903           | Data Connector RJ45 FTP Cat 6 Female. Grip assembly type, Plastic Box                                                                                                    | 10 |
| ★ 209904           | Data Connector RJ45 FTP Cat 6 Male, Plastic Box                                                                                                                          | 50 |
| ★ 209961           | Data Connector RJ45 UTP Cat 6 Male with White Protective Sleeve, Plastic Box                                                                                             | 25 |
| ★ 209962           | Data Connector RJ45 UTP Cat 6 Male with Grey Protective Sleeve, Plastic Box                                                                                              | 25 |
| <b>TOOLS</b>       |                                                                                                                                                                          |    |
| 209801             | Crimping Tool for RJ45/RJ11/RJ12 and 4P4C/4P2C Male Connectors                                                                                                           | 1  |
| ★ 209811           | Termination Tool for RJ45 Cat 6 Female Connectors                                                                                                                        | 1  |
| <b>KITS</b>        |                                                                                                                                                                          |    |
| 209401             | Kit – Carrying case which includes: 50xRJ45 UTP Cat 6 Male connectors (ref. 209902), 15xRJ45 UTP Cat 6 Female connectors (ref. 209901) and 1xCrimping tool (ref. 209801) | 1  |

| Ref.                     | Description                                                  |   |
|--------------------------|--------------------------------------------------------------|---|
| <b>DATA DISTRIBUTION</b> |                                                              |   |
| <b>OUTLETS/ROSETTES</b>  |                                                              |   |
| 209910                   | Data Terminal Box/Rosette with 1 Cat 6 Female RJ45 Connector | 5 |



▲ 209961



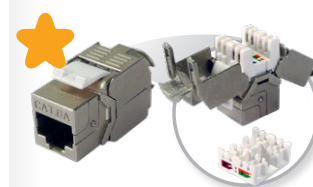
▲ 209962



▲ 209801



▲ 209811



▲ 209923



▲ 209921



▲ 209904



▲ 209901



▲ 209401

| References                |                | 219101 | 219301<br>219202 | 212101 | 2123<br>213202 | 212305 | 212310 | 2199   | 212201 | 219901 | 219910 | 219502 | 219602 | 219701          |
|---------------------------|----------------|--------|------------------|--------|----------------|--------|--------|--------|--------|--------|--------|--------|--------|-----------------|
| Type                      |                | S/FTP  | U/FTP            | F/UTP  | U/UTP          | U/UTP  | U/UTP  | U/UTP  | U/UTP  | U/UTP  | U/UTP  | F/UTP  | U/UTP  | U/UTP           |
| Category                  |                | 7      | 6A               | 6      | 6              | 6      | 6      | 6      | 6      | 6      | 6      | 5E     | 5E     | 5E              |
| Euroclass                 |                | Cca    | Cca              | Dca    | Dca            | Dca    | Eca    | Eca    | Fca    | Fca    | Fca    | Eca    | Eca    | Fca             |
| Conductor                 | Ø mm           | 0.55   | 0.55             | 0.55   | 0.55           | 0.55   | 0.51   | 0.55   | 0.55   | 0.59   | 0.59   | 0.51   | 0.50   | 0.50            |
|                           | Material       | Cu     | Cu               | Cu     | Cu             | Cu     | Cu     | Cu     | Cu     | CCA    | CCA    | Cu     | Cu     | Electrolytic Cu |
| Conductor Type            | AWG            | 23     | 23               | 23     | 23             | 23     | 24     | 23     | 24     | 23     | 23     | 24     | 24     | 24              |
| Conductor isolation       | Ø mm           | 1.30   | 1.30             | 0.95   | 0.95           | 1.02   | 0.92   | 0.95   | 0.92   | 0.95   | 0.95   | 0.95   | 0.95   | 0.95            |
|                           | Material       | PE     | PE               | PE     | PE             | PE     | PE     | PE     | PE     | PE     | PE     | PE     | PE     | PE              |
| Filler                    | Crucifix       | No     | No               | Yes    | Yes            | Yes    | Yes    | Yes    | Yes    | Yes    | Yes    | No     | No     | No              |
| Shielding foil            | Material       | A      | A                | A      | No             | No     | No     | No     | No     | No     | No     | A      | No     | No              |
| Outer shielding braid     | Material       | CuSn   | No               | No     | No             | No     | No     | No     | No     | No     | No     | No     | No     | No              |
| Ground cable              | Ø mm           | No     | 0,4              | No     | No             | No     | No     | No     | No     | No     | No     | 0,4    | No     | No              |
|                           | Material       | No     | CuSn             | No     | No             | No     | No     | No     | No     | No     | No     | CSS    | No     | No              |
| Outer sheath              | Ø mm           | 7.40   | 6.90             | 7.20   | 6.20           | 6.20   | 6.00   | 6.20   | 6.20   | 6.20   | 6.20   | 6.30   | 5.50   | 5.50            |
|                           | Material       | LSFH   | LSFH             | LSFH   | LSFH           | LSFH   | LSFH   | PVC    | PE     | PVC    | LSFH   | LSFH   | LSFH   | PE              |
|                           | Thickness (mm) | 0.70   | 0.70             | 0.60   | 0.50           | 0.50   | 0.52   | 0.50   | 0.55   | 0.50   | 0.50   | 0.67   | 0.60   | 0.60            |
|                           | Color          | White  | White            | Violet | Violet         | White  | Violet | White  | White  | White  | Violet | Grey   | Grey   | Black           |
| Rip cord                  |                | No     | No               | Yes    | Yes            | Yes    | Yes    | Yes    | Yes    | Yes    | Yes    | Yes    | Yes    | Yes             |
| Spark test                | VAC            | 3000   | 3000             | 3000   | 3000           | 3000   | 3000   | 3000   | 3000   | 3000   | 3000   | 3000   | 3000   | 3000            |
| Nominal impedance         | Ohm            | 100    | 100              | 100    | 100            | 100    | 100    | 100    | 100    | 100    | 100    | 100    | 100    | 100             |
| Max. conductor resistance | Ohm/Km         | 93.80  | 93.80            | 117.00 | 117.00         | 117.00 | 117.00 | 117.00 | 117.00 | 117.00 | 117.00 | 117.00 | 117.00 | 117.00          |
| Nominal speed             | %              | 79     | 79               | 72     | 72             | 72     | 72     | 72     | 72     | 72     | 72     | 69     | 69     | 69              |
| Working voltage           | V              | 125    | 125              | 300    | 300            | 300    | 300    | 300    | 300    | 300    | 300    | 300    | 300    | 300             |

**Over Lapped Foil composition Environment**

A Aluminium + Polyester

**Other abbreviations**

Cu Solid copper

CuSn Tinned copper

CCS Copper Clad Steel

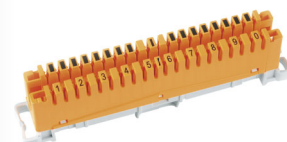
CCA Copper Clad Aluminium

Ref. 2199, only TME

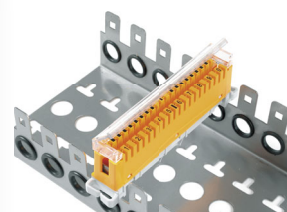
| Ref.                          | Description                                                                                 |   |     |
|-------------------------------|---------------------------------------------------------------------------------------------|---|-----|
| <b>TELEPHONE CABLES</b>       |                                                                                             |   |     |
| <b>CATEGORY 3</b>             |                                                                                             |   |     |
| 217001                        | Basic Telephony Cable 1 Pair Ø 4mm LSFH Fca White                                           | ○ | 250 |
| 217101                        | Basic Telephony Cable 2 Pairs Ø 5mm LSFH Fca White                                          | ○ | 250 |
| Ref.                          | Description                                                                                 |   |     |
| <b>TELEPHONE DISTRIBUTION</b> |                                                                                             |   |     |
| <b>UAPS (BOXES)</b>           |                                                                                             |   |     |
| 5415                          | Basic Telephony UAP 2 Lines - 2 Outputs                                                     |   | 10  |
| 5461                          | Basic Telephony UAP 1 Line - 6 Outputs                                                      |   | 10  |
| <b>CONNECTION STRIPS</b>      |                                                                                             |   |     |
| 2172                          | Basic Telephony Terminal Board 10 Pairs                                                     |   | 5   |
| <b>SUPPORTS</b>               |                                                                                             |   |     |
| 2182                          | Support for 10 Basic Telephony Terminal Boards of 10 Pairs                                  |   | 10  |
| 2188                          | Support for 1 Basic Telephony Terminal Board of 10 Pairs                                    |   | 10  |
| <b>ACCESSORIES</b>            |                                                                                             |   |     |
| 2174                          | Professional Tool for Cable Mounting in Basic Telephony Terminal Boards                     |   | 1   |
| 2181                          | Label Holder for Basic Telephony Terminal Board of 10 Pairs                                 |   | 20  |
| 2189                          | Distribution Box for 10 Basic Telephony Terminal Board of 10 Pairs Dimensions: 315x165x93mm |   | 1   |



▲ 217101



▲ 2172



▲ 2182



▲ 2174



▲ 5415



▲ 2189



| Ref.             | Description                                                                                                                                             |   |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|---|
| <b>19" RACKS</b> |                                                                                                                                                         |   |
| <b>RACKS</b>     |                                                                                                                                                         |   |
| <b>600x400mm</b> |                                                                                                                                                         |   |
| 533117           | 19" Rack Cabinet 17RU (+2RU extra). Glazed Door and Accesible from the side. Dimensions: 600x870x400mm. Wall/Ground Mount (2x1RU cable panels included) | 1 |
| <b>600x450mm</b> |                                                                                                                                                         |   |
| ★ 533105         | 19" Rack Cabinet 6RU (+2RU extra). Glazed Door and Accesible from the side. Dimensions: 600x370x450mm. Wall/Ground Mount (Disassembled)                 | 1 |
| 533106           | 19" Rack Cabinet 6RU (+2RU extra). Glazed Door and Accesible from the side. Dimensions: 600x370x450mm. Wall/Ground Mount                                | 1 |
| ★ 533107         | 19" Rack Cabinet 8RU (+2RU extra). Glazed Door and Accesible from the side. Dimensions: 600x460x450mm. Wall/Ground Mount (Disassembled)                 | 1 |
| 533108           | 19" Rack Cabinet 8RU (+2RU extra). Glazed Door and Accesible from the side. Dimensions: 600x460x450mm. Wall/Ground Mount                                | 1 |
| ★ 533112         | 19" Rack Cabinet 13RU (+2RU extra). Glazed Door and Accesible from the side. Dimensions: 600x682x450mm. Wall/Ground Mount (Disassembled)                | 1 |
| 533113           | 19" Rack Cabinet 13RU (+2RU extra). Glazed Door and Accesible from the side. Dimensions: 600x682x450mm. Wall/Ground Mount                               | 1 |
| <b>600x600mm</b> |                                                                                                                                                         |   |
| ★ 533118         | 19" Rack Cabinet 18RU. Glazed Door and Accesible from the side. Dimensions: 600x942x600mm. Ground Mount                                                 | 1 |
| ★ 533119         | 19" Rack Cabinet 18RU. Glazed Door and Accesible from the side. Dimensions: 600x942x600mm. Ground Mount (Disassembled)                                  | 1 |
| ★ 533121         | 19" Rack Cabinet 22RU. Glazed Door and Accesible from the side. Dimensions: 600x1120x600mm. Ground Mount (Disassembled)                                 | 1 |
| ★ 533122         | 19" Rack Cabinet 22RU. Glazed Door and Accesible from the side. Dimensions: 600x1120x600mm. Ground Mount                                                | 1 |
| 533124           | 19" Rack Cabinet 24RU (+2RU extra). Glazed Door and Accesible from the side. Dimensions: 600x1200x400mm. Ground Mount (2x1RU cable panels included)     | 1 |
| ★ 533126         | 19" Rack Cabinet 27RU. Glazed Door and Accesible from the side. Dimensions: 600x1342x600mm. Ground Mount (Disassembled)                                 | 1 |
| ★ 533127         | 19" Rack Cabinet 27RU. Glazed Door and Accesible from the side. Dimensions: 600x1342x600mm. Ground Mount                                                | 1 |
| ★ 533131         | 19" Rack Cabinet 32RU. Glazed Door and Accesible from the side. Dimensions: 600x1564x600mm. Ground Mount (Disassembled)                                 | 1 |
| ★ 533132         | 19" Rack Cabinet 32RU. Glazed Door and Accesible from the side. Dimensions: 600x1564x600mm. Ground Mount                                                | 1 |
| ★ 533136         | 19" Rack Cabinet 37RU. Glazed Door and Accesible from the side. Dimensions: 600x1787x600mm. Ground Mount (Disassembled)                                 | 1 |
| ★ 533137         | 19" Rack Cabinet 37RU. Glazed Door and Accesible from the side. Dimensions: 600x1787x600mm. Ground Mount                                                | 1 |
| <b>600x800mm</b> |                                                                                                                                                         |   |
| ★ 533133         | 19" Rack Cabinet 32RU. Glazed Door and Accesible from the side. Dimensions: 600x1570x800mm. Ground Mount (Disassembled)                                 | 1 |
| ★ 533134         | 19" Rack Cabinet 32RU. Glazed Door and Accesible from the side. Dimensions: 600x1570x800mm. Ground Mount                                                | 1 |
| ★ 533138         | 19" Rack Cabinet 37RU. Glazed Door and Accesible from the side. Dimensions: 600x1790x800mm. Ground Mount (Disassembled)                                 | 1 |
| ★ 533139         | 19" Rack Cabinet 37RU. Glazed Door and Accesible from the side. Dimensions: 600x1790x800mm. Ground Mount                                                | 1 |
| ★ 533141         | 19" Rack Cabinet 42RU. Glazed Door and Accesible from the side. Dimensions: 600x2010x800mm. Ground Mount (Disassembled)                                 | 1 |
| ★ 533142         | 19" Rack Cabinet 42RU. Glazed Door and Accesible from the side. Dimensions: 600x2010x800mm. Ground Mount                                                | 1 |
| <b>800x800mm</b> |                                                                                                                                                         |   |
| ★ 533143         | 19" Rack Cabinet 42RU. Glazed Door and Accesible from the side. Dimensions: 800x2010x800mm. Ground Mount (Disassembled)                                 | 1 |
| ★ 533144         | 19" Rack Cabinet 42RU. Glazed Door and Accesible from the side. Dimensions: 800x2010x800mm. Ground Mount                                                | 1 |

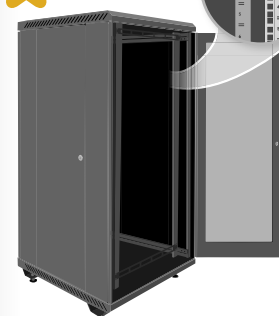
In case of references that are supplied disassembled



▲ 533105  
600 x 450 mm



▲ 533113  
600 x 450 mm



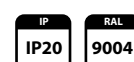
▲ 533122  
600 x 600 mm



▲ 533142  
600 x 800 mm

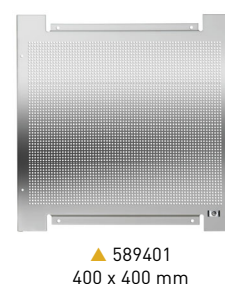
| Ref.      | Height | Width (mm) | Depth (mm) | Mounting |        | Max. load (kg) |
|-----------|--------|------------|------------|----------|--------|----------------|
|           |        |            |            | Wall     | Ground |                |
| 533106/05 | 6U     | 600        | 450        | ✓        | ✓      | 60             |
| 533108/07 | 8U     | 600        | 450        | ✓        | ✓      | 60             |
| 533113/12 | 13U    | 600        | 450        | ✓        | ✓      | 60             |
| 533117    | 17U    | 600        | 400        | ✓        | ✓      | 60             |
| 533118/19 | 18U    | 600        | 600        | -        | ✓      | 1000           |
| 533122/21 | 22U    | 600        | 600        | -        | ✓      | 1000           |
| 533124    | 24U    | 600        | 600        | -        | ✓      | 1000           |
| 533127/26 | 27U    | 600        | 600        | -        | ✓      | 1000           |
| 533132/31 | 32U    | 600        | 600        | -        | ✓      | 1000           |
| 533134/33 | 32U    | 600        | 800        | -        | ✓      | 1000           |
| 533137/36 | 37U    | 600        | 600        | -        | ✓      | 1000           |
| 533139/38 | 37U    | 600        | 800        | -        | ✓      | 1000           |
| 533142/41 | 42U    | 600        | 800        | -        | ✓      | 1000           |
| 533144/43 | 42U    | 800        | 800        | -        | ✓      | 1000           |

Supplied assembled or disassembled (excluding 17RU and 24RU, only assembled)



| Ref.                          | Description                                                                 |   |
|-------------------------------|-----------------------------------------------------------------------------|---|
| <b>19" RACKS</b>              |                                                                             |   |
| <b>PATCH PANELS AND TRAYS</b> |                                                                             |   |
| ★ 533001                      | Power Distribution Unit 8 Schuko Outlets 16A for Rack 19" 1RU, Black        | 1 |
| 533150                        | Panel for Rack 19" 1RU, Up to 24 "F" connectors                             | 1 |
| 533151                        | Panel for Rack 19" 1RU, Up to 24 "RJ45" connectors                          | 1 |
| 533152                        | Splice Box for Rack 19" 1RU, Up to 24 "SC" Simplex connectors (Depth 236mm) | 1 |
| 533153                        | T.OX Panel for Rack 19" 1RU, Up to 2x7 "F" connectors                       | 1 |
| 533155                        | Tray for Rack 19" 2RU (Depth 265mm)                                         | 1 |
| 533157                        | Splice Box for Rack 19" 2RU, Up to 48 "SC" Simplex connectors (Depth 236mm) | 1 |
| ★ 533158                      | Cable Management for Rack 19" 1RU, 5 Rings of 80mm                          | 1 |
| ★ 533159                      | Cable Management for Rack 19" 1RU, 1 Hole with Brush Strip                  | 1 |
| ★ 533160                      | Cable Management for Rack 19" 1RU, Front Cover                              | 1 |
| ★ 533162                      | Blank Panel for Rack 19" 2RU                                                | 1 |
| ★ 533180                      | Patch Panel for Rack 19" 1RU, With 24 "RJ45" Cat 6 UTP connectors           | 1 |
| ★ 533181                      | Patch Panel for Rack 19" 1RU, With 24 "RJ45" Cat 6A FTP connectors          | 1 |
| ★ 533182                      | Splice Box for Rack 19" 1RU, Up to 24 "SC" Duplex connectors (Depth 236mm)  | 1 |
| ★ 533183                      | Panel for Rack 19" 1RU, Up to 24 "SC" Duplex connectors                     | 1 |
| ★ 533185                      | Tray for Rack 19" 2RU (Depth 300mm)                                         | 1 |
| <b>VENTILATION</b>            |                                                                             |   |
| ★ 533005                      | Thermostat with NO Contact 0...60°C for Rack 19"                            | 1 |
| ★ 533174                      | Individual Top Fan for Rack 19", 195m3/h                                    | 1 |
| ★ 533175                      | 2 Fan Top Tray for Rack 19" 600x600mm, 390m3/h                              | 1 |
| ★ 533176                      | 4 Fan Top Tray for Rack 19" 600x800mm, 780m3/h                              | 1 |
| <b>ACCESSORIES</b>            |                                                                             |   |
| 533170                        | Screw Kit for Rack 19": Screw with washer and nut (50 units)                | 1 |
| ★ 533171                      | Kit for Rack 19": 4 Wheels and Screws                                       | 1 |

| Ref.                     | Description                                                            |   |
|--------------------------|------------------------------------------------------------------------|---|
| <b>HEADEND CABINETS</b>  |                                                                        |   |
| <b>CABINETS</b>          |                                                                        |   |
| 5750                     | Cabinet for Headend Amplifier 440x440x140mm                            | 1 |
| 5893                     | Indoor Lockable Cabinet with Mounting Plate, Dimensions: 300x400x200mm | 1 |
| 589301                   | Indoor Lockable Cabinet with Mounting Plate, Dimensions: 400x400x200mm | 1 |
| 589302                   | Indoor Lockable Cabinet with Mounting Plate, Dimensions: 400x600x200mm | 1 |
| 589303                   | Indoor Lockable Cabinet with Mounting Plate, Dimensions: 600x600x200mm | 1 |
| 589304                   | Indoor Lockable Cabinet with Mounting Plate, Dimensions: 600x800x200mm | 1 |
| <b>PERFORATED PLATES</b> |                                                                        |   |
| 5894                     | Perforated Mounting Plate 300x400mm, Distance from the wall 19mm       | 1 |
| 589401                   | Perforated Mounting Plate 400x400mm, Distance from the wall 19mm       | 1 |
| 589402                   | Perforated Mounting Plate 400x600mm, Distance from the wall 19mm       | 1 |



| Ref.                                            | Description                                                                                                                               |   |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|---|
| <b>ENCLOSURES</b>                               |                                                                                                                                           |   |
| <b>ENCLOSURES</b>                               |                                                                                                                                           |   |
| 231301                                          | Splitting Terminal Enclosure for F.O., Indoor (Up to 16 fibers)                                                                           | 1 |
| 231302                                          | Splitting Terminal Enclosure for F.O., Indoor (Up to 24 fibers)                                                                           | 1 |
| 231310                                          | Splitting Terminal Enclosure for F.O., Indoor (Up to 8 fibers)                                                                            | 1 |
| 233002                                          | Main Terminal Enclosure for F.O., Indoor (Up to 48 "SC/APC" connectors)                                                                   | 1 |
| 233003                                          | Stackable Main Enclosure for F.O., Indoor (Up to 48 "SC/APC" connectors)                                                                  | 1 |
| 546601                                          | Closed Main Terminal Enclosure for Data/Coaxial Distribution (Up to 48 connections)                                                       | 1 |
| 546610                                          | Open Main Terminal Panel for Data/Coaxial Distribution (Up to 24 connections)                                                             | 1 |
| 546701                                          | Data/Coaxial/Fibre Network Terminal Enclosure with Flexible Front Frame                                                                   | 1 |
| ★ 546702                                        | Data/Coaxial/Fibre Network Terminal Enclosure                                                                                             | 1 |
| <b>ACCESSORIES</b>                              |                                                                                                                                           |   |
| 546620                                          | Coaxial Adapter Support "F" Female - "F" Female, for Panels (Refs. 546602 and 546610)                                                     | 1 |
| Ref.                                            | Description                                                                                                                               |   |
| <b>PATCH BOXES</b>                              |                                                                                                                                           |   |
| <b>OPTICAL FIBRE (ITU-T G657A2 SINGLE-MODE)</b> |                                                                                                                                           |   |
| 231502                                          | F.O. Patch/Splitting Box 2 to 4 Outs ("SC/APC" Female - Female adapters included)                                                         | 1 |
| 231520                                          | F.O. Patch Box 2 to 4 Outs: 2 Pre-terminated Dca Fibers of 15m on one end ("SC/APC" Female - Female adapters and dispenser box included)  | 1 |
| 231521                                          | F.O. Patch Box 2 to 4 Outs: 2 Pre-terminated Dca Fibers of 25m on one end ("SC/APC" Female - Female adapters and dispenser box included)  | 1 |
| 231522                                          | F.O. Patch Box 2 to 4 Outs: 2 Pre-terminated Dca Fibers of 40m on one end ("SC/APC" Female - Female adapters and dispenser box included)  | 1 |
| 231523                                          | F.O. Patch Box 2 to 4 Outs: 2 Pre-terminated Dca Fibers of 55m on one end ("SC/APC" Female - Female adapters and dispenser box included)  | 1 |
| 231524                                          | F.O. Patch Box 2 to 4 Outs: 2 Pre-terminated Dca Fibers of 70m on one end ("SC/APC" Female - Female adapters and dispenser box included)  | 1 |
| 231525                                          | F.O. Patch Box 2 to 4 Outs: 2 Pre-terminated Dca Fibers of 85m on one end ("SC/APC" Female - Female adapters and dispenser box included)  | 1 |
| 231526                                          | F.O. Patch Box 2 to 4 Outs: 2 Pre-terminated Dca Fibers of 100m on one end ("SC/APC" Female - Female adapters and dispenser box included) | 1 |
| 231530                                          | F.O. Patch Box 4 Outs: 4 Pre-terminated Fca Fibers of 15m on one end ("SC/APC" Female - Female adapters and dispenser box included)       | 1 |
| 231531                                          | F.O. Patch Box 4 Outs: 4 Pre-terminated Fca Fibers of 25m on one end ("SC/APC" Female - Female adapters and dispenser box included)       | 1 |
| 231532                                          | F.O. Patch Box 4 Outs: 4 Pre-terminated Fca Fibers of 40m on one end ("SC/APC" Female - Female adapters and dispenser box included)       | 1 |
| 231533                                          | F.O. Patch Box 4 Outs: 4 Pre-terminated Fca Fibers of 55m on one end ("SC/APC" Female - Female adapters and dispenser box included)       | 1 |
| 231534                                          | F.O. Patch Box 4 Outs: 4 Pre-terminated Fca Fibers of 70m on one end ("SC/APC" Female - Female adapters and dispenser box included)       | 1 |
| 231535                                          | F.O. Patch Box 4 Outs: 4 Pre-terminated Fca Fibers of 85m on one end ("SC/APC" Female - Female adapters and dispenser box included)       | 1 |
| 231536                                          | F.O. Patch Box 4 Outs: 4 Pre-terminated Fca Fibers of 100m on one end ("SC/APC" Female - Female adapters and dispenser box included)      | 1 |
| <b>COPPER SOLUTIONS</b>                         |                                                                                                                                           |   |
| 209910                                          | Data Terminal Box/Rosette with 1 Cat 6 Female RJ45 Connector                                                                              | 5 |
| 546501                                          | Passive Multiplexer "RJ45" Cat 6 1 Male - 9 Females, with 0.2m LSFH Lead                                                                  | 1 |
| ★ 768101                                        | Ethernet Switch L2, Unmanaged: 8x 10/100 Mbps                                                                                             | 1 |
| ★ 768111                                        | Ethernet Switch L2, Unmanaged: 8x 10/100/1000 Mbps                                                                                        | 1 |



▲ 231502



▲ 23152x / 23153x

## HDMI DISTRIBUTION

| Ref.          | Description                                  |     |
|---------------|----------------------------------------------|-----|
| <b>CABLES</b> |                                              |     |
| 494501        | HDMI Cable Male-Male 1.5m Black (Blister T1) | 8   |
| 494502        | HDMI Cable Male-Male 3m Black (Blister T2)   | 10  |
| 494503        | HDMI Cable Male-Male 5m Black (Blister T2)   | 10  |
| 494505        | HDMI Cable Male-Male 1.5m Black (Bag)        | 100 |



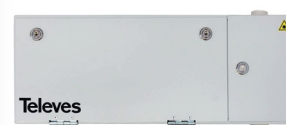
▲ 49450x



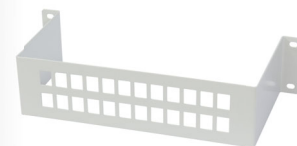
▲ 231302



▲ 231310



▲ 233003



▲ 546610



▲ 546702  
630 x 580 x 85 mm

| Ref.                          | Description                                                                                                               |   |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------|---|
| <b>NETWORK ELECTRONICS</b>    |                                                                                                                           |   |
| <b>ROUTERS</b>                |                                                                                                                           |   |
| 769110                        | Network Manager: Router and Firewall, 4x Gb Ethernet                                                                      | 1 |
| 769111                        | Network Manager: Router and Firewall, 6x Gb Ethernet +2SFP                                                                | 1 |
| ★ 769121                      | Router 12x Gb Ethernet + 4x SFP, 36 core 19" Rack Mount, 1U                                                               | 1 |
| ★ 769122                      | Router 13x Gb Ethernet, 4 core, 19" Rack Mount, 1U                                                                        | 1 |
| <b>SWITCHES</b>               |                                                                                                                           |   |
| <b>Managed</b>                |                                                                                                                           |   |
| 769140                        | Ethernet Switch L2+: 8x Gb Ethernet (PoE+, 130W) + 2x SFP (1 Gbps)                                                        | 1 |
| 769141                        | Ethernet Switch L2+: 24x Gb Ethernet (PoE+, 370W) + 4x SFP (1 Gbps)                                                       | 1 |
| 769142                        | Ethernet Switch L2+: 8x Gb Ethernet + 24x SFP (1 Gbps) + 4x SFP+ (10 Gbps)                                                | 1 |
| 769143                        | Ethernet Switch L3: 32x Gb Ethernet + 8x SFP+ (10Gbps)                                                                    | 1 |
| ★ 769144                      | Ethernet Switch L2+: 24x Gb Ethernet + 4x SFP (1 Gbps)                                                                    | 1 |
| ★ 769145                      | Ethernet Switch L2+: 48x Gb Ethernet + 6x SFP+ (10 Gbps)                                                                  | 1 |
| <b>Unmanaged</b>              |                                                                                                                           |   |
| ★ 768101                      | Ethernet Switch L2, Unmanaged: 8x 10/100 Mbps                                                                             | 1 |
| ★ 768110                      | Ethernet Switch L2, Unmanaged: 5x 10/100/1000 Mbps                                                                        | 1 |
| ★ 768111                      | Ethernet Switch L2, Unmanaged: 8x 10/100/1000 Mbps                                                                        | 1 |
| ★ 768112                      | Ethernet Switch L2, Unmanaged: 8x 10/100/1000 Mbps (4x PoE+)                                                              | 1 |
| <b>MEDIA CONVERTERS (SFP)</b> |                                                                                                                           |   |
| 769210                        | SFP Module Gb Ethernet 2 Single-mode Fibers "LC/UPC"                                                                      | 1 |
| ★ 769212                      | Kit: 2 SFP Modules Gb Ethernet 1 Single-mode Fiber "LC/UPC", 1310+1490nm                                                  | 1 |
| Ref.                          | Description                                                                                                               |   |
| <b>WIFI ACCESS POINTS</b>     |                                                                                                                           |   |
| <b>WAVEDATA SERIES</b>        |                                                                                                                           |   |
| <b>WaveData Access Points</b> |                                                                                                                           |   |
| 769001                        | Wireless Access Point WaveData: 1x Ethernet WAN (PoE), 1x Ethernet LAN, 1x USB 3.0, WLAN b/g/n/ac (option Low Power WiFi) | 1 |
| 769002                        | Wireless Access Point WaveData: 1x F.O. SFP, 1x Ethernet LAN, 1x USB 3.0, WLAN b/g/n/ac (option Low Power WiFi)           | 1 |
| <b>Management</b>             |                                                                                                                           |   |
| ★ 769030                      | WaveBox device: Managing and monitoring the WaveData network                                                              | 1 |
| ★ 769112                      | Network Manager: Hotspot, 4x Gb Ethernet                                                                                  | 1 |
| <b>Accessories</b>            |                                                                                                                           |   |
| 640301                        | Wall Mount for CoaxData/CoaxBox/WaveBox                                                                                   | 1 |



▲ SFP modules (Rx + Tx)  
(Ref. 769212)



▲ Hotspot  
(Ref. 769112)



▲ WaveBox  
(Ref. 769030)



Check out this application with L3 and L2 + switches and APs (data and SFP) for fiber optic and copper distribution



▲ Router 4xGbE  
(Ref. 769110)



▲ Switch 8xGbE  
(Ref. 769142)



▲ Switch 32xGbE  
(Ref. 769143)



▲ 5x unmanaged switch  
(Ref. 768110)



▲ 8x unmanaged switch  
(Ref. 768111)

## SERIE WAVEDATA



76900x

## WIRELESS ACCESS POINT

WaveData AP provides a high-performance wireless mobility solution for establishments with medium / high density.

It is equipped with the MyNET Wi-Fi technology from Televes, which enables its configuration in low-power mode (Low Power) and provides the most efficient, secure and responsible Internet access possible.

| Ref.                       | Description                                                                                                           |     |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------|-----|
| <b>OPTICAL FIBRE</b>       |                                                                                                                       |     |
| <b>FUSION KITS</b>         |                                                                                                                       |     |
| <b>Electric arc splice</b> |                                                                                                                       |     |
| 232105                     | F.O Kit: Arc Fusion Splicer + Stripper + Cleaver + Power adapter + Spare set of electrodes + Tweezers + Carrying Case | 1   |
| <b>Mechanical splice</b>   |                                                                                                                       |     |
| 2341                       | F.O Kit: Connector & Mechanical Splice + Stripper (Ref. 2324) + Cleaver (Ref. 232301) + Cleaning Tools                | 1   |
| <b>SIGNAL GENERATORS</b>   |                                                                                                                       |     |
| 2340                       | OPS3L Triple Light Source (1310, 1490 & 1550nm)                                                                       | 1   |
| <b>TOOLS</b>               |                                                                                                                       |     |
| 2322                       | Fiber Mechanical Splicer                                                                                              | 1   |
| 232301                     | Cleaver of Fiber Optics                                                                                               | 1   |
| 232310                     | Kevlar Scissors for Optical Fibers                                                                                    | 1   |
| 2324                       | Precision Stripper for Optical Fibers                                                                                 | 1   |
| 2325                       | Stripper for Multi-fiber Cables                                                                                       | 1   |
| <b>ACCESSORIES</b>         |                                                                                                                       |     |
| 2327                       | Splicing Protection Sleeve 60mm for FO fusion                                                                         | 200 |
| 232701                     | Splicing Protection Sleeve 43mm for FO fusion                                                                         | 200 |
| 232710                     | F.O. Cleaning Kit: 50 isopropyl alcohol Wipes + 25 Sticks                                                             | 1   |
| 2328                       | Fiber Mechanical Splices                                                                                              | 10  |
| 2329                       | Connectors of Fiber Optics "SC/APC" (with mounting tool)                                                              | 10  |
| 232910                     | Cleaner for Fiber Optic Connectors                                                                                    | 1   |



▲ 2325



▲ 232710



▲ 2324



▲ 232310



▲ 232105



▲ 2341



▲ 2340



▲ 2322



▲ 232301



▲ 2329



▲ 232910



| Ref.                         | Description                                                                                                                                                 |   |
|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
| <b>FIELD STRENGTH METERS</b> |                                                                                                                                                             |   |
| <b>MOSAIQ6</b>               |                                                                                                                                                             |   |
| <b>Meters</b>                |                                                                                                                                                             |   |
| 596101                       | MOSAIQ6: DVB-T/T2 + DVB-S/S2/SX + DVB-C, CI, F.O. (Carrying Bag included)                                                                                   | 1 |
| 596102                       | MOSAIQ6: DVB-T/T2 + DVB-S/S2/SX + DVB-C, CI, F.O. (Carrying Case included)                                                                                  | 1 |
| ★ 596105                     | MOSAIQ6 Advance: DVB-T/T2/S/S2/SX/C, CI, F.O., WiFi Analyzer, Analogue Measures, DAB/DAB+, 4K UHD (Carrying Bag included)                                   | 1 |
| ★ 596106                     | MOSAIQ6 Advance: DVB-T/T2/S/S2/SX/C, CI, F.O., WiFi Analyzer, Analogue Measures, DAB/DAB+, 4K UHD (Carrying Case included)                                  | 1 |
| 596111                       | MOSAIQ6: DVB-T/T2 + DVB-S/S2/SX + DVB-C, CI, Selective F.O. Interface (CWDM Filter) (Carrying Bag included)                                                 | 1 |
| 596112                       | MOSAIQ6: DVB-T/T2 + DVB-S/S2/SX + DVB-C, CI, Selective F.O. Interface (Carrying Case included)                                                              | 1 |
| ★ 596115                     | MOSAIQ6 Advance: DVB-T/T2/S/S2/SX/C, CI, Selective F.O. Interface (CWDM Filter), WiFi Analyzer, Analogue Measures, DAB/DAB+, 4K UHD (Carrying Bag included) | 1 |
| <b>Options</b>               |                                                                                                                                                             |   |
| 596201                       | Option GPS Drive Test                                                                                                                                       | 1 |
| 596202                       | Option WiFi Analyzer [2,4/5GHz]                                                                                                                             | 1 |
| 596203                       | Option Analogue Measures                                                                                                                                    | 1 |
| 596204                       | Option DAB/DAB+                                                                                                                                             | 1 |
| 596205                       | Option 4K - Ultra High Definition (UHD)                                                                                                                     | 1 |
| 596206                       | Option ISDB-T/Tb                                                                                                                                            | 1 |
| <b>Accessories</b>           |                                                                                                                                                             |   |
| 596210                       | Stand-alone, field replaceable battery                                                                                                                      | 1 |
| 596211                       | Carrying Bag                                                                                                                                                | 1 |
| 596212                       | Adapter "N" Male - "F" Female                                                                                                                               | 1 |
| 596213                       | Screen Protector                                                                                                                                            | 1 |
| 596214                       | Carrying Case                                                                                                                                               | 1 |
| <b>H30CRYSTAL</b>            |                                                                                                                                                             |   |
| <b>Meters</b>                |                                                                                                                                                             |   |
| ★ 593601                     | H30CRYSTAL: DVB-S/S2 + DVB-T, F.O. (Smartphone Armband included)                                                                                            | 1 |
| ★ 593602                     | H30CRYSTAL: DVB-S/S2 + DVB-T/T2, F.O. (Smartphone Armband included)                                                                                         | 1 |
| ★ 593603                     | H30CRYSTAL: DVB-S/S2 + DVB-C, F.O. (Smartphone Armband included)                                                                                            | 1 |
| ★ 593604                     | H30CRYSTAL: DVB-S/S2 + DVB-T/T2 + DVB-C, F.O. (Smartphone Armband included)                                                                                 | 1 |
| ★ 593621                     | H30CRYSTAL: DVB-S/S2 + DVB-T, Selective F.O. (Smartphone Armband included)                                                                                  | 1 |
| ★ 593622                     | H30CRYSTAL: DVB-S/S2 + DVB-T/T2, Selective F.O. (Smartphone Armband included)                                                                               | 1 |
| ★ 593624                     | H30CRYSTAL: DVB-S/S2 + DVB-T/T2 + DVB-C, Selective F.O. (Smartphone Armband included)                                                                       | 1 |
| ★ 593661                     | H30CRYSTAL: DVB-S/S2 + ISDB-T/Tb, F.O. (Smartphone Armband included)                                                                                        | 1 |
| <b>Options</b>               |                                                                                                                                                             |   |
| 593231                       | Option DVB-T                                                                                                                                                | 1 |
| 593232                       | Option DVB-T2 (DVB-T required)                                                                                                                              | 1 |
| 593233                       | Option DVB-C                                                                                                                                                | 1 |
| 593234                       | Option dCSS                                                                                                                                                 | 1 |
| 593235                       | Option Extended Terrestrial Input to 120dBμV                                                                                                                | 1 |
| 593236                       | Option Analogue A/V Display (Format Adapters and Protective Sleeve included)                                                                                | 1 |
| 593250                       | Option WiFi Analyzer [2,4/5GHz]                                                                                                                             | 1 |
| 593251                       | Option IPTV Analyzer                                                                                                                                        | 1 |
| 593252                       | Option HEVC Display                                                                                                                                         | 1 |
| <b>Accessories</b>           |                                                                                                                                                             |   |
| 593201                       | Protective Sleeve                                                                                                                                           | 1 |
| ★ 593202                     | Replacement Battery                                                                                                                                         | 1 |
| 593203                       | Power Supply Unit 12V - 2A All Plugs                                                                                                                        | 1 |
| ★ 593204                     | Weatherproof Protective Sleeve                                                                                                                              | 1 |
| ★ 593205                     | Ports Protector                                                                                                                                             | 1 |
| 593239                       | Carrying Case                                                                                                                                               | 1 |



▲ 596214



▲ 593239

## MOSAIQ6



Portable meter with high performance and high accuracy for professional installers.

### THE POWER OF USER EXPERIENCE

#### 6 SCREENS IN 1

Thanks to its configurable interface, you choose which widgets (up to 6) you want to simultaneously display in the 8" high resolution screen. Check the installation status at a glance.

#### A TRUE TOUCH SCREEN

This new interface has been designed and also programmed to take full advantage of a touch screen with touch gestures (tap, double tap, long press, drag, spread or pinch). Only in this way is it possible to operate so easily a meter with so many performances.

[mosaiq6.televes.com](http://mosaiq6.televes.com)

[en.televes.com/mosaiq6](http://en.televes.com/mosaiq6)

## H30CRYSTAL

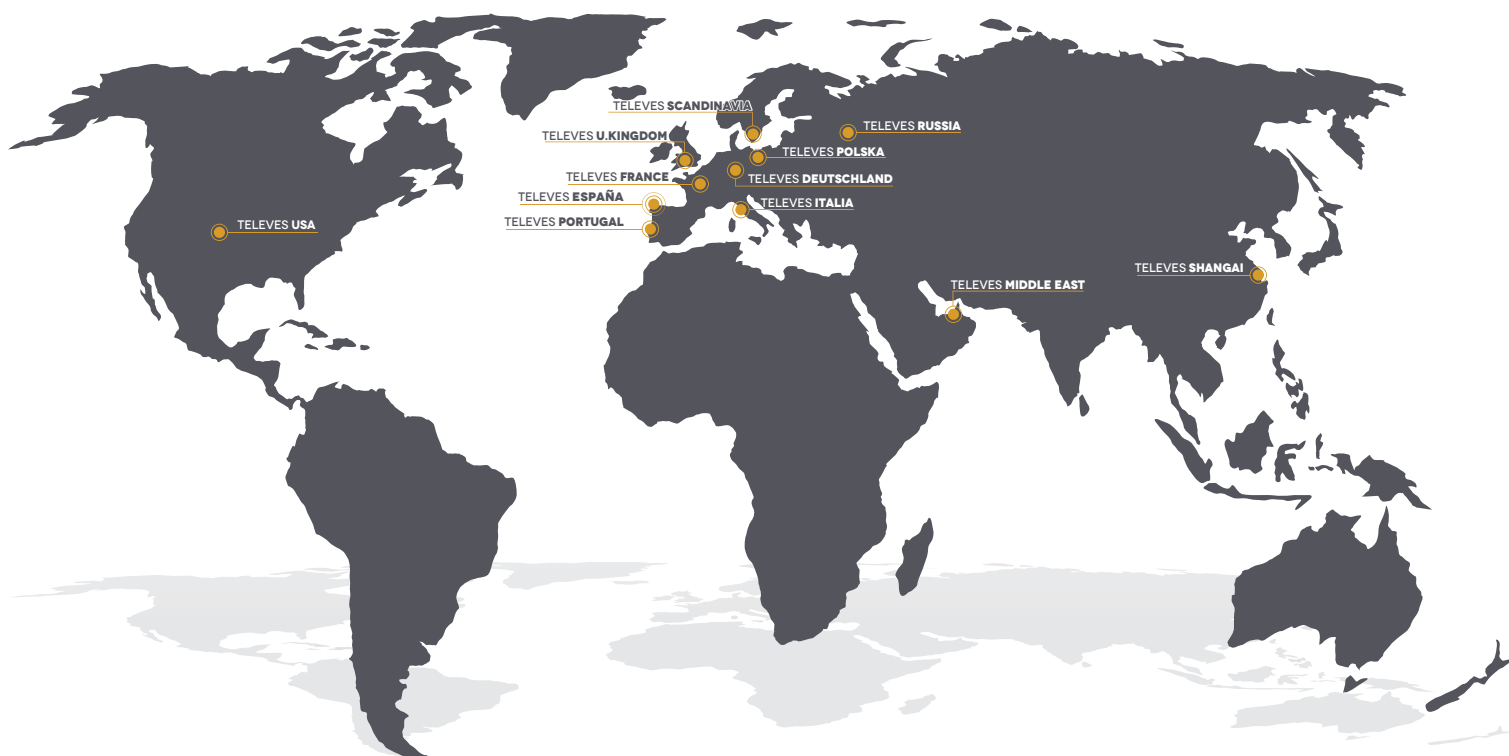


### ALL THE FUNCTIONS YOU NEED, ALSO IN FIBER OPTICS

The H30Crystal expands H30 series of portable and compact meters by bringing strong efficiency in optic measurements. Its ability to analyse fiber-optic networks, along with all the features of previous models, makes this equipment a versatile and comprehensive tool for today's professional technicians, who are used to working with several telecommunication network technologies.

[en.televes.com/h30crystal](http://en.televes.com/h30crystal)

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## SPAIN (HEAD OFFICE)

Televis S.A.U.

Rúa B. de Conxo, 17  
15706 Santiago de Compostela  
42° 51' 43.6212" N, 8° 33' 27.702" W  
T. +34 981 52 22 00  
F. +34 981 52 22 62  
televes@televes.com

## BARCELONA

Carrer Sant Ferrán, 27  
08940 Cornellà de Llobregat (Barcelona)  
41° 21' 9.054" N, 2° 5' 7.8324" E  
T. +34 902 68 64 15  
F. +34 934 74 50 06  
barcelona@televes.com

## LAS PALMAS

Gral. Mas de Gaminde, 26  
35006 Las Palmas  
28° 7' 55.884" N, 15° 26' 1.356" W  
T. +34 902 68 64 07  
F. +34 928 23 13 66  
laspalmas@televes.com

## MADRID

Paseo de los Pontones, 11  
28005 Madrid  
40° 24' 22.5576" N, 3° 42' 46.35" W  
T. +34 902 68 64 16  
F. +34 914 74 54 21  
madrid@televes.com

## FRANCE

Televes France SAS

1 Rue Louis de Broglie  
Parc d'Activités de l'Esplanade  
77400 St. Thibault des Vignes (FRANCE)  
48° 51' 48.5136" N, 2° 40' 26.0724" E  
T. +33 0 1 60 359 210  
F. +33 0 1 60 359 040  
televes.fr@televes.com

## GERMANY

Televes Deutschland GmbH

Küferstraße 20,  
73257 Köngen (GERMANY)  
48° 40' 42.0168" N, 9° 22' 25.932" E  
T. +49 70 244 6860  
F. +49 70 246 295  
televes.de@televes.com

## ITALY

Televes Italia S.r.l.

S. op. Viale Liguria 16,  
20068 Peschiera Borromeo (MI) (ITALY)  
45° 25' 53.3784" N, 9° 19' 25.3272" E  
T. +39 02 516 50604 (RA)  
F. +39 02 553 07363  
televes.it@televes.com

## POLAND

Televes Polska Sp. z o.o.

ul. Jana Długosza 48,  
51-162 Wrocław (POLAND)  
51° 7' 59.8224" N, 17° 3' 42.8256" E  
T. +48 71 790 1115  
televes.polska@televes.com

## PORTUGAL

Televes Electrónica Portuguesa Lda.

Via Dr. Francisco Sá Carneiro. Lote 17.  
Zona Ind. Maia 1. Sector-X.  
4470-518 Barca, Maia (PORTUGAL)  
41° 14' 58.344" N, 8° 37' 48.2196" O  
T. +351 22 947 8900  
F. +351 22 948 8719  
GSM +351 96 858 1614  
televes.pt@televes.com

## LISBOA

Rua Augusto Gil, 21A.  
1000-518 Lisboa  
38° 44' 38" N, 09° 08' 27" O  
T. +351 21 793 2537  
F. +351 21 793 2418  
televes.lisboa@televes.com

## RUSSIA

Televes RUSS.

Volokolamskoye shosse, 142, str.6, 603, 617  
125464 Moscow (RUSSIA)  
55° 49' 46.05" N, 37° 22' 16.45" E  
T. +7 495 107 90 95  
F. +7 495 107 90 96  
televes.russ@televes.com

## SCANDINAVIA

Televes Scandinavia AB.

Vannhögsgatan 7,  
231 66 Trelleborg (SWEDEN)  
55° 23' 05.7" N, 13° 08' 42.3" E  
T. +46 410 36 36 00  
F. +46 410 36 36 01  
televes.sc@televes.com

## UNITED ARAB EMIRATES

Televes Middle East FZE

P.O. Box 17199  
Jebel Ali Free Zone Dubai (UAE)  
24° 57' 39.7548" N, 55° 3' 48.8232" E  
T. +971 4 88 34 344  
F. +971 4 88 34 644  
televes.me@televes.com

## UNITED KINGDOM

Televes United Kingdom Ltd.

Unit 11 Hill Street, Industrial Estate  
Cwmbran, Gwent NP44 7PG (UK)  
51° 38' 34.8144" N, 3° 1' 23.88" W  
T. +44 01 633 875 821  
F. +44 01 633 866 311  
televes.uk@televes.com

## USA

Televes USA LLC.

Norfolk Tech Center,  
16596 E. 2nd Avenue  
Aurora, CO 80011 (USA)  
39° 719497" N, 104° 795915" W  
T. +1 (720) 379-3748  
televes.usa@televes.com

## CHINA

Televes Trade (Shanghai) Co., Ltd.

Unit 207-208, Building A, No 374  
Wukang Rd, Xuhui District Shanghai  
P.R.C. 200031 (CHINA)  
31° 12' 23.5692" N, 121° 26' 21.9804" E  
T. +86 21 6126 7620  
F. +86 21 6466 6431  
shanghai@televes.com.cn





# BOUND BY TECHNOLOGY

Televes Corporation is at the heart of a group of technological companies representing global leadership in desing and development of equipment for all types of telecom infrastructures in cities, buildings and homes.

**Televes Corporation groups more than 20 companies** that work together pursuing the common goal of designing, developing and manufacturing in Spain high quality products and solutions for various sectors in the field of telecommunications, such as transmission and distribution of television services, implementation of multiservice networks in Hospitality, development of advanced eHealth platforms, as well as integrating solutions for professional LED lighting projects.

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