

Housing Installation Solutions: Etisalat and DU Compatible Products Catalogue



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DATAKOM SOLUTIONS

High-quality structured cabling and networking that elevates user experience

Engineered to support professional installers and integrators in residential, business, and hospitality projects worldwide.

From our DataCom division, we provide technical expertise and end-to-end support for the design and installation of

structured cabling and data network infrastructures.

We work alongside installers and integrators to ensure reliable deployments, helping them deliver high-performance networks that meet the demands of today's connected environments.

Fiber Optics

Copper cabling

Racks & accessories

Networking & WiFi

Professional equipment

Complete residential structured cabling system



These products are designed for complete residential structured cabling installations. **Televes is an approved DU supplier and also offers products approved by Etisalat**, ensuring compliance with the technical, quality and safety standards required by both operators. This also enables installations suitable for both DU and Etisalat, with seamless integration between the different installation components.

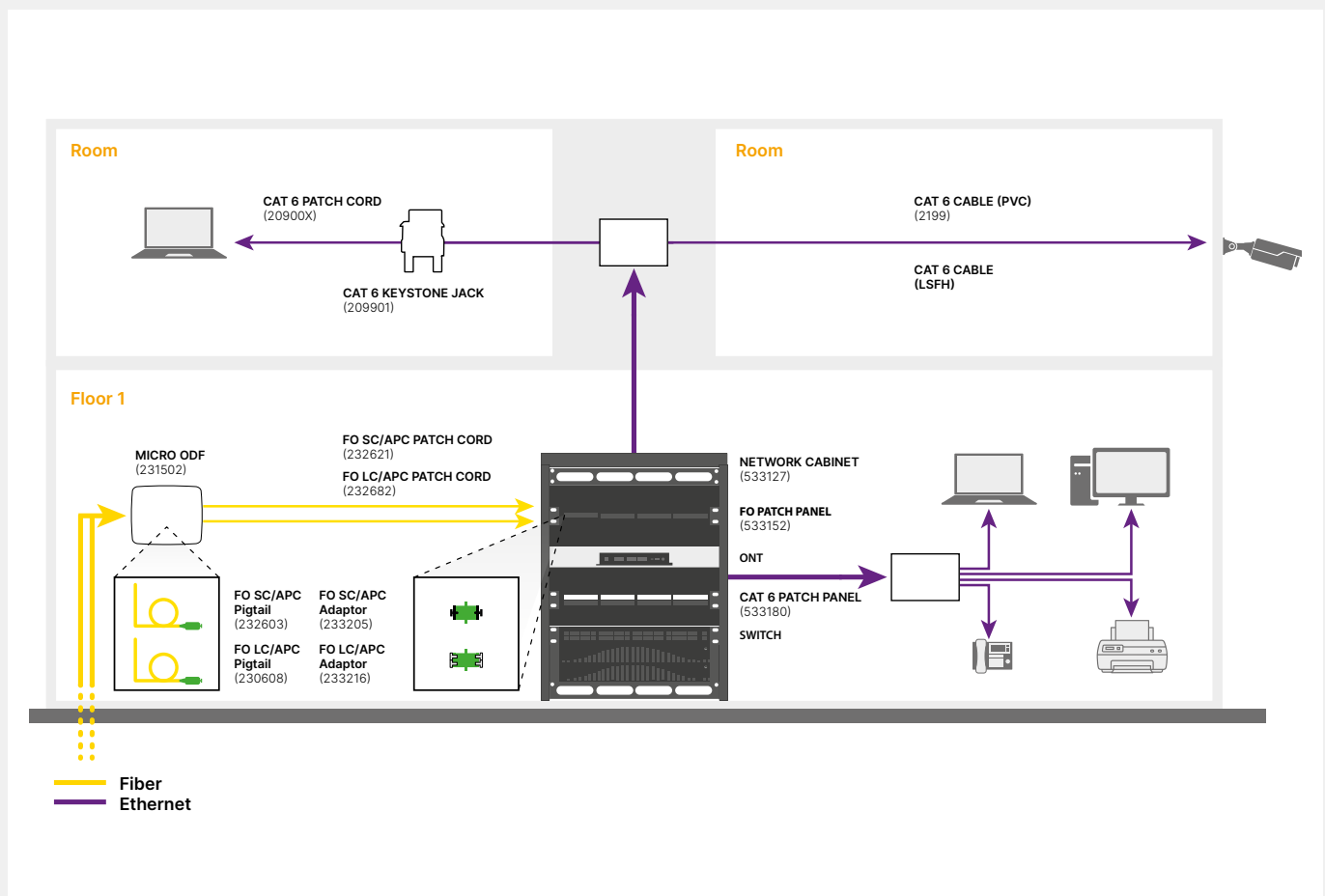
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Compatible	Product Description	EPA NO.	Televes Ref.
Etisalat & DU	Cat 6 Cable (PVC)	780833-1	2199
Etisalat & DU	Cat 6 Cable (LSFH)	781156-1	2123
Etisalat & DU	Cat 6 Patch Cord	781156-2	20900X
Etisalat & DU	Cat 6 Keystone Jack	781156-3	209901
Etisalat	F.O. SC/APC Patch Cord	781155-1	232621
DU	F.O. LC/APC Patch Cord	-	232682
Etisalat	F.O. SC/APC Pigtail	781155-2	232603
DU	F.O. LC/APC Pigtail	-	230608
Etisalat	F.O. SC/APC Adaptor	781155-3	233205
DU	F.O. LC/APC Adaptor	-	233216
Etisalat & DU	Micro ODF	781155-5	231502
Etisalat & DU	Network Cabinet	781155-6	533127
Etisalat & DU	Cat 6 Patch Panel	781156-4	533180
Etisalat & DU	F.O. Patch Panel	781155-4	533152

EPA NO. (Etisalat Product Approval Number)

Example of a Residential Structured Cabling Installation



DK6000 data cable U/UTP Cat 6 Eca PVC 23AWG

Category-6 and Eca Euroclass data cable, U/UTP type (Unfoiled), with copper conductor and PVC sheath, white colour (RAL 9010).

Recommended for PoE and PoE+.

Highlights

- U/UTP data Cable
- Solid copper inner conductor (23AWG)
- Technically compatible with PoE/PoE+/PoE++ (Power over Ethernet) technology, allowing the cable to power network devices
- PVC (polyvinyl chloride) outer sheath
- 72% nominal speed
- Certified according to the applicable standards as defined in the available declarations of conformity and performance
- Tested and approved by the Intertek (ETL Verified Mark) laboratory according to the available certification



Ref.	2199
EPA NO.	780833-1
Logical ref.	CAT6P305W
EAN13	8424450021996

Other features

Colour	White
Length	305.00 m

Physical data

Net weight	40.00 g
Gross volume	0.12 dm ³
Gross weight	40.00 g
Width	6.00 mm
Height	1,000.00 mm
Depth	6.00 mm
Main product weight	36.00 g

Packaging info

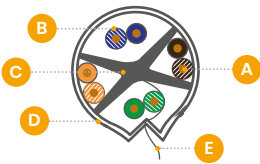
Box	305 m
Pallet	7320 m
Pallet	9150 m



Mounting details

Detail view of the data cable section

- A - Inner conductor
- B - Inner conductor isolation
- C - Crucifix Filler
- D - Outer sheath
- E - Rip cord



Technical specifications

Reference		2199														
Type		U/UTP														
Euroclass		Eca														
Categorie		Cat 6														
Transmission bandwidth		250MHz														
Transfer rate		1Gbps														
Conductor Diameter	mm	0.55														
Conductor Material		Solid copper														
Conductor type AWG		23														
Conductor isolation Diameter	mm	0.95														
Conductor isolation Material		Polyethylene														
Crucifix filler		Yes														
Outer sheath Diameter	mm	6.2														
Outer sheath Material		PVC														
Outer sheath Thickness	mm	0.5														
Rip cord		Yes														
Spark Test	Vac	3000														
Nominal impedance	Ω	100														
Conductor resistance	Ω/100m	< 9.38														
Nominal speed	%	72														
Working voltage	V	300														
Operating temperature	°C	-30 ... 70														
Frequencies	MHz	0.772	1	4	8	10	16	20	25	31.25	62.5	100	125	200	250	
Attenuation (max.)	dB/100m	--	2	3.8	5.3	6	7.6	8.5	9.5	10.7	15.4	19.8	--	29	32.8	
Attenuation (typ.)	dB/100m	1.8	2	3.8	5.4	6	7.6	8.5	9.6	10.7	15.5	19.9	22.4	29.2	33	
ACR-N (typ.)	dB/100m	--	72.3	61.5	55.5	53.3	48.6	46.3	43.8	41.2	32	24.5	--	10.8	5.5	
PS ACR-N (typ.)	dB/100m	--	70.3	59.5	53.5	51.3	46.6	44.3	41.8	39.2	30	22.5	--	8.8	3.5	
Return losses (typ.)	dB	--	20	23	24.5	25	25	25	24.3	23.6	21.5	20.1	--	18	17.3	

DK6000 data cable U/UTP Cat 6 Dca LSFH 23AWG

Category-6 and Dca Euroclass data cable, U/UTP type (Unfoiled), with copper conductor and LSFH sheath (Low Smoke Free of Halogen). It is recommended for installations where network certification is required.

It achieves a bandwidth up to 400 MHz (higher than the 250 MHz specified by the standard).

Recommended for PoE and PoE+.

Highlights

- U/UTP data Cable
- Solid copper inner conductor (23AWG)
- Technically compatible with PoE/PoE+/PoE++ (Power over Ethernet) technology, allowing the cable to power network devices
- LSFH (Low Smoke Free of Halogen) outer sheath
- 72% nominal speed
- Certified according to the applicable standards as defined in the available declarations of conformity and performance
- Tested and approved by the Intertek (ETL Verified Mark) laboratory according to the available certification



Ref.	2123
EPA NO.	781156-1
Logical ref.	CAT6L305VD
EAN13	8424450140789

Other features

Colour	Violet
Length	305.00 m

Physical data

Net weight	37.00 g
Gross volume	0.12 dm³
Gross weight	40.00 g
Width	6.00 mm
Height	1,000 mm
Depth	6.00 mm
Main product weight	37.00 g

Packaging info

Box	305 m
Pallet	9150 m
Pallet	10980 m



Mounting details

Detail view of the data cable section

A - Inner conductor
B - Inner conductor isolation
C - Crucifix Filler
D - Outer sheath
E - Rip cord



Technical specifications

Reference		2123														
Model		DK6000														
Type		U/UTP														
Euroclass		Dca														
Euroclass: Smoke Production		s2														
Euroclass: Flaming droplets		d2														
Euroclass: Acidity		a1														
Categorie		Cat 6														
Transmission bandwidth		400MHz														
Transfer rate		1Gbps														
Conductor Diameter	mm	0.55														
Conductor Material		Solid copper														
Conductor type AWG		23														
Conductor isolation Diameter	mm	0.99														
Conductor isolation Material		Polyethylene														
Crucifix filler		Yes														
Outer sheath Diameter	mm	6.2														
Outer sheath Material		LSFH														
Outer sheath Thickness	mm	0.5														
Rip cord		Yes														
Spark Test	Vac	3000														
Nominal impedance	Ω	100														
Conductor resistance	Ohm/100m	< 9.38														
Nominal speed	%	72														
Working voltage	V	300														
Operating temperature	$^{\circ}\text{C}$	-25 ... 70														
Frequencies	MHz	1	4	8	10	16	20	25	31.25	62.5	100	200	250	300	400	
Attenuation (max.)	dB/100m	2	3,8	5,3	6	7,6	8,5	9,5	10,7	15,4	19,8	29	32,8	--	--	
Attenuation (typ.)	dB/100m	1,7	3,5	5	5,6	7,1	8	8,9	10	14,4	18,3	26,2	29,4	32,8	37,7	
NEXT (min.)	dB	74,3	65,3	60,8	59,3	56,2	54,8	53,3	51,9	47,4	44,3	39,8	38,3	--	--	
NEXT (typ.)	dB	87,3	78,1	74,1	70,1	67,3	65,9	64,1	62,2	57,3	57	50,5	49,5	44	36,5	
PS NEXT (min.)	dB	72,3	63,3	58,8	57,3	54,2	52,8	51,3	49,9	45,4	42,3	37,8	36,3	--	--	
PS NEXT (typ.)	dB	84,9	76,2	71,2	67,7	64,8	64,1	62,9	60,5	56,1	52,1	46,5	45,3	41,2	35,6	
ACR-N (min.)	dB	72,3	61,5	55,5	53,3	48,6	46,3	43,8	41,2	32	24,5	10,8	5,5	--	--	
ACR-N (typ.)	dB	85,5	74,4	69,1	64	59,9	57,9	55,3	52,2	43	36,1	22,7	19,2	11,2	-1,2	
PS ACR-N (min.)	dB	70,3	59,5	53,5	51,3	46,6	44,3	41,8	39,2	30	22,5	8,8	3,5	--	--	
PS ACR-N (typ.)	dB	83,2	71,8	66,2	62	57,6	56,2	54,1	50,5	41,5	34,4	20,3	16	9	-1,7	
ACR-F (min.)	dB	67,8	55,8	49,7	47,8	43,7	41,8	39,8	37,9	31,9	27,8	21,8	19,8	--	--	
ACR-F (typ.)	dB	78,1	66	60,9	58,7	54,3	52,5	50,4	49	41,6	38,6	30,5	28,6	23,9	22,3	
PS ACR-F (min.)	dB	64,8	52,8	46,7	44,8	40,7	38,8	36,8	34,9	28,9	24,8	18,8	16,8	--	--	
PS ACR-F (typ.)	dB	74,7	63,2	58,1	56,2	52,9	50,4	48,4	46,5	40,3	35,8	28,6	26,8	20,5	16,5	
Return losses (min.)	dB	20	23	24,5	25	25	25	24,3	23,6	21,5	20,1	18	17,3	--	--	
Return losses	dB	25,6	26,6	29,3	29,8	31,9	32,3	32,1	32,5	31,6	27,7	24,8	23,1	21,8	19,3	

Ethernet Patch Cord U/UTP Cat 6 PVC, white

Preconnected Ethernet patch cord with RJ45 connector at each end. It is made of a Category-6 data cable, U/UTP type, with a flexible copper inner conductor 24 AWG and outer sheath made of white PVC.

Highlights

- Available in different lengths
- U/UTP data Cable
- Flexible copper inner conductor (24 AWG)
- Compatible with PoE/PoE+ (Power over Ethernet) technology, allowing the cable to power network devices
- PVC (polyvinyl chloride) outer sheath
- 72% nominal speed
- RJ45 connectors with gold plated connector ends



Ref.	209005
EPA NO.	781156-2
Logical ref.	PK6P5W-T
EAN13	8424450221969

Other features

Colour	White
Length	5.00 m

Physical data

Net weight	192.00 g
Gross volume	0.08 dm³
Gross weight	192.00 g
Width	12.00 mm
Height	5,095.00 mm
Depth	10.00 mm

Packaging info

Bag	1 Units
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Technical specifications

Reference		209005												
Type		U/UTP												
Categorie		Cat 6												
Transmission bandwidth		250MHz												
Transfer rate		1Gbps												
Conductor Diameter	mm	0.18												
Conductor Material		Flexible copper												
Conductor type AWG		24												
Conductor isolation Diameter	mm	0.96												
Conductor isolation Material		Polyethylene												
Crucifix filler		Yes												
Outer sheath Diameter	mm	5.7												
Outer sheath Material		PVC												
Outer sheath Thickness	mm	0.62												
Rip cord		No												
Cable length	m	5												
Data connector type		RJ45												
Spark Test	Vac	3000												
Nominal impedance	Ω	100												
Conductor resistance	Ohm/km	<117												
Nominal speed	%	72												
Working voltage	V	300												
Operating temperature	$^{\circ}\text{C}$	-30 ... 70												
Frequencies	Mhz	1	4	8	10	16	20	25	31.25	62.5	100	200	250	
NEXT (typ.)	dB/100m	65	63	58.2	56.6	53.2	51.6	50	48.4	43.4	39.9	34.8	33.1	
PS NEXT (typ.)	dB/100m	62	60.5	55.6	54	50.6	49	47.3	45.7	40.6	37.1	31.9	30.2	
ACR-F (typ.)	dB/100m	63.3	51.2	45.2	43.3	39.2	37.2	35.3	33.4	27.3	23.3	17.2	15.3	
PS ACR-F (typ.)	dB/100m	60.3	48.2	42.2	40.3	36.2	34.2	32.3	30.4	24.3	20.3	14.2	12.3	
Return losses	dB	19	19	19	19	18	17.5	17	16.5	14	12	9	8	

RJ45 female connector UTP Cat 6 for data cables

RJ45 UTP Cat 6 female connector, reusable and easy to connect. Assembly using a specific tool is recommended to guarantee a perfect finish.

Recommended for PoE and PoE+.

Highlights

- Self-crimpable connector, although the use of a termination and cutting tool is recommended to optimize connections (ref.209811) Flexible copper inner conductor (24 AWG)
- Reusable: can be removed and reinstalled without deteriorating or losing functionality
- Technically compatible with PoE/PoE+/PoE++ (Power over Ethernet) technology, allowing the cable to power network devices
- Multiple-connection guaranteed without losses
- Compatible with Cat 6 or below
- Front (180°) or angled (90°) cable input
- Connection table (A or B) on the connector
- 50 microns gold-plated pins



Ref.	209901
EPA NO.	781156-3
Logical ref.	CAT6B-U
EAN13	8424450162828

Other features

Colour	White
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Physical data

Net weight	6.00 g
Gross volume	0.03 dm³
Gross weight	9.00 g
Width	22.00 mm
Height	30.00 mm
Depth	16.00 mm
Main product weight	6.00 g

Packaging info

Plastic box	15 Units
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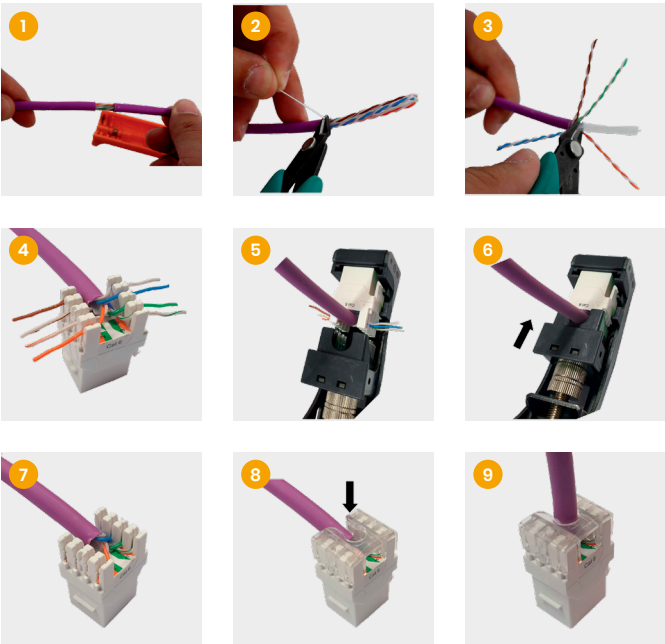


Technical specifications

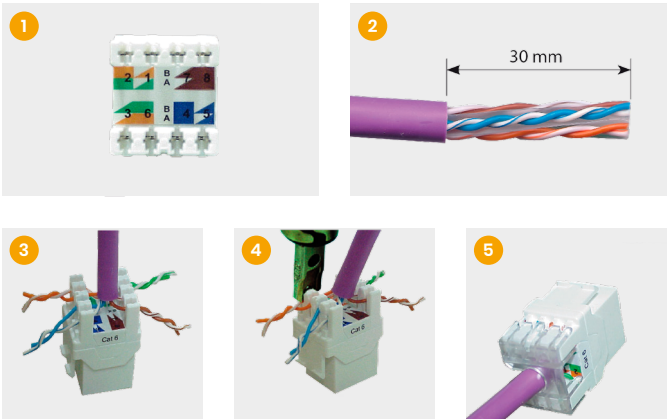
Reference		209901
Data connector model		Female
Data connector type		RJ45
Categorie		Cat 6
Shielding type		UTP
Housing material		Polycarbonate
Voltage max.	Vac	150
Max. current	A	1.5
Contact resistance	mΩ	100
Insulation resistance	MΩ	500
Dielectric strength (60Hz/1min)	Vac	1000
Conductor type AWG		26 ... 23
Special tool required		Recommended
Durability (connection cycles)		1500
Reusable		Yes
Cable output		90°-180°

Mounting details

Assembly with tool



Assembly without tool



Optical fiber patch cord SC/APC, Single-mode (SM), LSFH indoor

Single-mode (SM) optical-fiber patch cord preterminated with SC/APC connectors for the interconnection of optical equipment. The sheath being LSFH, it is recommended for indoor use. Supplied in individual bag with hanger.

Highlights

- ITU-T G.657.A2 fiber type
- Includes aramid fibers to reinforce its structure
- LSFH sheath, orange colour
- SC/APC connectors
- Available in different lengths



Ref.	232621
EPA NO.	781155-1
Logical ref.	OSK2SCAPC
EAN13	8424450187029

Other features

Colour	Orange
Length	2.00 m

Physical data

Net weight	24.00 g
Gross weight	24.00 g
Width	3.00 mm
Height	2,000.00 mm
Depth	3.00 mm
Main product weight	24.00 g

Packaging info

Bag	1 Units
Box	10 Units



Technical specifications

Reference		232621
Fiber core type		Single-mode (ITU-T-G.657.A2)
Optical fiber type category		OS1
Fiber core Diameter	μm	9
Fiber cladding Diameter	μm	125
Coating buffer Diameter	μm	250
Cable structure		Tight buffer
Plastic buffer diameter	mm	0.9
Outer sheath Diameter	mm	3
Outer sheath Material		LSFH
Blocking jelly		No
Optical fiber attenuation: 1310nm	dB/km	< 0.4
Optical fiber attenuation: 1490nm	dB/km	< 0.4
Optical fiber attenuation: 1550nm	dB/km	< 0.3
Insertion losses in connector 1	dB	< 0.5
Insertion losses in connector 2	dB	< 0.5
Return losses in connector 1	dB	> 55
Return losses in connector 2	dB	> 55
Optical connector type 1		SC
Polishing type (Optical connector 1)		APC
Optical connector type 2		SC
Polishing type (Optical connector 2)		APC
Cable length	m	2
Structure reinforcement element		Aramid fibers
Minimum bending radius	mm	15
Operating temperature	°C	-20 ... 70

Optical fiber patch cord LC/APC, Single-mode (SM), LSFH indoor

Single-mode (SM) optical-fiber patch cord Preterminated with LC/APC connectors for the connection of the elements of an optical network.

The sheath being LSFH, it is recommended for indoor use. It has both ends with a short boot that facilitates installation in wall sockets, avoiding attenuation increases due to undesired bending. In addition, the short boot facilitates the sliding of the patch cord through the conduits, reduces the space required for connection and the bending radius is less demanding.

Supplied in individual packing.

Highlights

- ITU-T G.657.A2 fiber type
- Short boot at both ends: allows a smaller bending radius and better use of space in the connection area
- Includes aramid fibers to reinforce its structure
- LSFH sheath, orange colour
- LC/APC connectors
- Available in different lengths



Ref.	232682
Logical ref.	OSK2LCAPC
EAN13	8424450303115

Other features

Colour	Orange
Length	2.00 m

Physical data

Net weight	23.00 g
Gross weight	0.23 dm³
Gross weight	24.00 g
Width	180.00 mm
Height	125.00 mm
Depth	10.00 mm
Main product weight	23.00 g

Packaging info

Bag	1 Units
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Technical specifications

Reference		232682
Fiber core type		Single-mode (ITU-T-G.657.A2)
Optical fiber type category		OS1
Fiber core Diameter	μm	9
Fiber cladding Diameter	μm	125
Coating buffer Diameter	μm	250
Cable structure		Tight buffer
Outer sheath Diameter	mm	3
Outer sheath Material		LSFH
Blocking jelly		No
Optical fiber attenuation: 1310nm	dB/km	< 0.5
Optical fiber attenuation: 1550nm	dB/km	< 0.5
Insertion losses in connector 1	dB	< 0.5
Insertion losses in connector 2	dB	< 0.5
Return losses in connector 1	dB	> 60
Return losses in connector 2	dB	> 60
Optical connector type 1		LC
Polishing type (Optical connector 1)		APC
Optical connector type 2		LC
Polishing type (Optical connector 2)		APC
Cable length	m	2
Short tension	N	450
Long tension	N	200
Structure reinforcement element		Aramid fibers
Short crush (@100mm)	N	500
Long crush (@100mm)	N	100
Minimum bending radius	mm	15
Operating temperature	°C	-20 ... 70

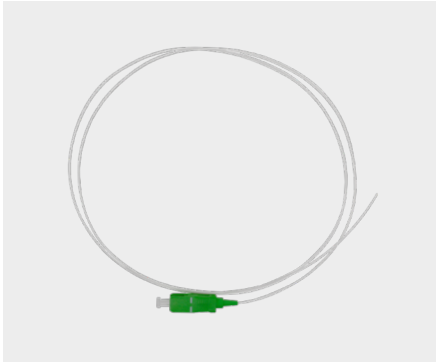
Pigtails SC/APC, Single-mode (SM), LSFH indoor

Single-mode (SM) pigtail, used for interconnecting optical equipment, have its end pre-terminated with SC/APC connectors.

The 900µm cover is of LSFH type and is recommended for indoor use. Additionally, its pre-terminated end has a short boot, facilitating installation in wall sockets, avoiding increases in attenuation due to undesirable bends, allowing the sliding of the patch cord through conduits, reducing the space required for connection, and being less demanding regarding bend radius.

Highlights

- ITU-T G.657.A2 fiber type
- LSFH sheath, white colour
- SC/APC connectors
- 1m long



Ref.	232603
EPA NO.	781155-2
Logical ref.	OSCAPC1
EAN13	8424450259306

Other features

Colour	White
Supply method	Multiple packing (25 units)
Length	1.00 m

Physical data

Net weight	4.00 g
Gross weight	8.00 g
Width	9.00 mm
Height	1,120.00 mm
Depth	8.00 mm
Main product weight	4.00 g

Packaging info

Box	25 Units
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Technical specifications

Reference		232603
Fiber core type		Single-mode (ITU-T-G.657.A2)
Fiber core diameter	μm	9
Fiber cladding diameter	μm	125
Cable structure		Tight buffer
Outer sheath Diameter	μm	900
Outer sheath Material		LSFH
Attenuation 1310nm Max	dB/km	0.4
Attenuation 1550nm Max	dB/km	0.3
Cable length	m	1
Insertion losses Max	dB	0.5
Return losses Min	dB	60
Optical connector type		SC
Polishing type (Optical connector)		APC
Operating temperature	°C	-20...70

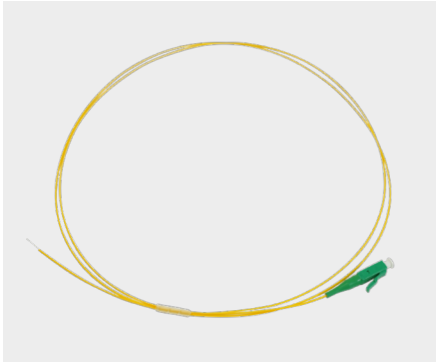
Pigtail LC/APC, Single-mode (SM), LSFH indoor

Single-mode (SM) pigtail, used for interconnecting optical equipment, have its end pre-terminated with LC/APC connector.

The 900µm cover is of LSFH type and is recommended for indoor use. Additionally, its preterminated end has a short boot, facilitating installation in wall sockets, avoiding increases in attenuation due to undesirable bends, allowing the sliding of the patch cord through conduits, reducing the space required for connection, and being less demanding regarding bend radius.

Highlights

- ITU-T G.657.A2 fiber type
- LSFH sheath, orange colour
- LC/APC connectors
- 1m long



Ref.	230608
Logical ref.	OLCAPCP
EAN13	8424450279434

Other features

Colour	Orange
Supply method	Single packing
Length	1.00 m

Physical data

Net weight	2.00 g
Gross volume	0.40 dm ³
Gross weight	3.00 g
Width	1.00 mm
Height	1,000.00 mm
Depth	1.00 mm
Main product weight	2.00 g

Packaging info

Bag	1 Units
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Technical specifications

Reference		230608
Fiber core type		Single-mode (ITU-T-G.657.A2)
Fiber core diameter	µm	9
Fiber cladding diameter	µm	125
Coating buffer diameter	µm	250
Cable structure		Tight buffer
Outer sheath Diameter	µm	900
Outer sheath Material		LSFH
Optical fiber attenuation: 1310nm Max	dB/km	0.4
Optical fiber attenuation: 1550nm Max	dB/km	0.3
Cable length	mm	1000
Insertion losses Max	dB	0.5
Return losses Min	dB	60
Optical connector type		LC
Polishing type (Optical connector)		APC
Operating temperature	°C	-20 ... 70

SC/APC Female - SC/APC Female Optical Simplex Adapter Single-mode (SM), with Internal shutter

Adapter for connecting male optical connectors, with SC mechanics, at both ends. Both connectors must have the same type of polish to avoid signal loss. It is recommended to always use connectors of the same colour as the adapter, to identify the type of polish on the other end: APC (green).

It has an internal shutter, that automatically blocks the light from passing through when the connector is removed, ensuring protection of the eyes

Compatible with single-mode (SM) fibers.

Highlights

- Low insertion losses and high reliability
- Allows installation using a retaining clip (included), or securing screws, to keep the adapter fixed
- It avoids false contacts, as well as occasional disconnections
- It incorporates, at both ends, a removable cap to protect the inside of the adapter and an internal shutter that blocks the passage of light, ensuring eye protection
- Body made of plastic (polymer), mechanically resistant to impact or corrosion
- Green colour



Ref.	233205
EPA NO.	781155-3
Logical ref.	OASCAPCK
EAN13	8424450300824

Other features

Colour	Green
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Physical data

Net weight	4.00 g
Gross weight	5.00 g
Width	22.00 mm
Height	27.00 mm
Depth	9.00 mm
Main product weight	4.00 g

Packaging info

Plastic box	30 Units
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Technical specifications

Reference		233205
Optical connector type 1		SC
Polishing type (Optical connector 1)		APC
Optical connector type 2		SC
Polishing type (Optical connector 2)		APC
Connection type		Female / Female
Fiber type		Single-Mode (SM)
Ferrule		Ceramic
Protection cap		Shutter
Shutter type		Internal
Insertion losses	dB	0.2
Return losses	dB	60
Durability (connection cycles)		500
Housing material		Plastic
Fastening type		Click
Operating temperature	°C	-20...70

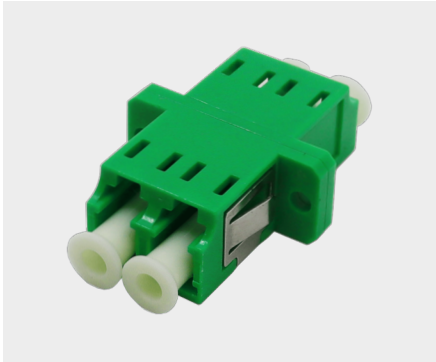
LC/APC Female - LC/APC Female Optical Duplex Adapter Single-mode (SM)

Adapter for connecting male optical connectors, with LC mechanics, at both ends. Both connectors must have the same type of polish to avoid signal loss. It is recommended to always use connectors of the same colour as the adapter, to identify the type of polish on the other end: APC (green).

Compatible with single-mode (SM) fibers.

Highlights

- Low insertion losses and high reliability
- Duplex, for the connection of two fiber cables at each end
- Allows installation using a retaining clip (included), or securing screws, to keep the adapter fixed
- It avoids false contacts, as well as occasional disconnections
- It incorporates removable cap to protect the inside of the connector
- Body made of plastic (polymer), mechanically resistant to impact or corrosion
- Green colour



Ref.	233216
Logical ref.	OA2LCAPC
EAN13	8424450318034

Other features

Colour	Green
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Physical data

Net weight	3.00 g
Gross volume	0.80 dm ³
Gross weight	5.00 g
Width	22.00 mm
Height	9.00 mm
Depth	29.00 mm
Main product weight	3.00 g

Packaging info

Plastic box	25 Units
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Technical specifications

Reference		233216
Optical connector type 1		LC Duplex
Polishing type (Optical connector 1)		APC
Optical connector type 2		LC Duplex
Polishing type (Optical connector 2)		APC
Connection type		Female/Female
Fiber type		Single-Mode (SM)
Ferrule		Ceramic
Protection cap		Shutter
Shutter type		External
Insertion losses	dB	0.2
Return losses	dB	50
Durability (connection cycles)		1000
Housing material		Plastic
Fastening type		Click
Operating temperature	°C	-40 ... 85

Optical fiber Patch/Splitting Box 1 to 4 outputs 2 SC/APC adapters included

Device enabled as a connection point to an optical fiber network. In communications infrastructures, it works as a cut-off and test point for the optical fiber network.

Thanks to the design, it also allows installation in other types of premises (car repair shops, classrooms, etc.) and is used as a connection point for optical fiber (work table, wiring cabinets, DIN rails, etc.) or else as an optical distribution frame, housing a 2 or 4-way optical splitter.

Highlights

- Made of robust ABS plastic. White color (RAL 9003)
- Capacity for up to 5 SC Simplex or LC Duplex connectors
- Equipped with 2 Simplex Single-Mode "SC/APC" female-to-"SC/APC" female adapters (with self-locking cover)
- Multi-anchoring system: Standard DIN rail, wall or outlet
- Single direction of rotation of the fibers inside (which facilitates installation)
- Identifying label
- 6 inputs, pre-cut on its sides, for FO access
- Back input for FO and SC connector
- Pre-cut input at the bottom, for access to a distribution frame (SC/APC)
- Design that guarantees a minimum bending radius of 20 mm for the fiber
- Equipped with: 2 heat-shrink sleeves, 2 cable ties, installation screws
- 100% european quality: manufactured by Televes in Spain



Ref.	231502
EPA NO.	781155-5
Logical ref.	OB4
EAN13	8424450183724

Physical data

Net weight	122.00 g
Gross volume	0.57 dm³
Gross weight	122.00 g
Width	118.00 mm
Height	96.00 mm
Depth	33.00 mm
Main product weight	84.00 g

Packaging info

Box	1 Units
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Technical specifications

Reference		231502
Number of inputs		8
Closure type		Cover
Front door locking system		Screw
Type of connections		Connector and fusion splice
Installation type		Wall / Ceiling
Material		ABS Plastic
Thickness	mm	2
Color		White
Protection index (IP)		30
Protection index (IK)		07
Height	mm	97
Width	mm	119
Depth	mm	33
Blocking jelly		No
Operating temperature	°C	-20...70

19" - Rack Cabinet 27RU 600×600 mm

The 27RU rack Cabinet is used for the housing of active or passive equipment, visible from the outside and protected by a safe steel lockable structure. Compatible with optical fiber, data cables or coaxial cable installations, it allows the grouping of different technologies in a single cabinet. The rack is equipped with depth-adjustable side profiles, which allow the installation of different types of panels or equipment.

It has a front and rear door, reversible and removable with flexible adjustment, which facilitates working in the rack. The tempered glass front door allows viewing the status of the devices without opening the rack. It also has push-button removable side doors for access to the rack interior through the sides, an advantage when configuring rear connections.

Designed for floor installation. It includes 4 screw-on legs, they allow height regulation, from 45 to 80 mm, simplifying the adjustment on inclined or uneven surfaces.

Highlights

- High strength and durability: made of steel, with a coating based on polyester resins and lead-free pigments
- Safety: Tempered glass, lockable hinged front door
- Laser marking: numerical identification of each "RU"
- Horizontal cable guides: 1RU cable panels located at the top and bottom of the cabinet to lead cabling from one side to the other and facilitate connections
- Electrical safety: Each door and removable panel includes a grounding screw (terminal) to ensure proper grounding connection
- A 120×120mm ventilation kit can be incorporated for the installation of active equipment, such as headends
- Black colour (RAL 9004)



Ref.	533127
EPA NO.	781155-6
Logical ref.	MSR1927-66
EAN13	8424450237274

Other features

Supply method	Assembled
Rack depth	600mm
Height (RU)	27RU
Perforated doors	

Physical data

Net weight	64,000.00 g
Gross volume	483.00 dm ³
Gross weight	74,000.00 g
Width	600.00 mm
Height	1,342.00 mm
Depth	600.00 mm
Main product weight	64,000.00 g

Packaging info

Pallet	1 pcs.
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Compatibility of our racks with wheels, and recommended ventilation systems for racks:

Reference	Height	Dimensions	Mounting	Fan	Wheels
533105	6+2RU	600×450 mm	Wall & Floor	533174	-
533106	6+2RU	600×450 mm	Wall & Floor	533174	-
533107	8+2RU	600×450 mm	Wall & Floor	533174	-
533108	8+2RU	600×450 mm	Wall & Floor	533174	-
533112	13+2RU	600×450 mm	Wall & Floor	533174	-
533113	13+2RU	600×450 mm	Wall & Floor	533174	-
533114	15+2RU	600×450 mm	Wall & Floor	533174	-
533115	15+2RU	600×450 mm	Wall & Floor	533174	-
533116	15+2RU	600×600 mm	Wall & Floor	533174	•
533118	18RU	600×600 mm	Floor	533175	•
533122	22RU	600×600 mm	Floor	533175	•
533127	27RU	600×600 mm	Floor	533175	•
533132	32RU	600×600 mm	Floor	533175	•
533137	37RU	600×600 mm	Floor	533175	•
533139	37RU	600×800 mm	Floor	533176	•
533142	42RU	600×800 mm	Floor	533176	•
533128	27RU	800×800 mm	Floor	533176	•
533144	42RU	800×800 mm	Floor	533176	•
533145	42RU	800×800 mm	Floor	533176	•
533146	42RU	800×1000 mm	Floor	533176	•
533147	42RU	800×1000 mm	Floor	533176	•

Technical specifications

Reference		533127
Modular spacing (standard)	in	19
Height	mm	1342
Width	mm	600
Depth	mm	600
Number of rack units (RU)		27
Material		Steel
Rack rail thickness	mm	2
Colour		Black
Surface finishing		Electrostatic powder
Number of doors		2
Front door material		Tempered glass
Rear door		Yes
Rear door material		Steel
Max. load capacity	kg	1000
Max. load capacity (with wheels)	kg	960
Max. load capacity (with legs)	kg	600
Removable sides		Yes
Installation type		Ground
Type of profile rail		L-shaped
Grounding		Yes
Protection index (IP)		20
Protection index (IK)		07

19"-Rack Cabinet 42RU 800×1000 mm, with perforated doors

The 42RU rack Cabinet is used for the housing of active or passive equipment, visible from the outside and protected by a safe Steel lockable structure. Compatible with optical fiber, data cables or coaxial cable installations, it allows the grouping of different technologies in a single cabinet. It is suitable for GPON headends installation, where the infrastructure requires greater depth (up to 1000mm depth). The rack is equipped with depth-adjustable side profiles, which allow the installation of different types of panels or equipment.

It has a front and rear door, reversible and removable with flexible adjustment, which facilitates working in the rack. Both doors are perforated with honeycomb structure, thus improving passive ventilation, increasing the strength and decreasing the weight of the rack. It also has push button removable side doors for access to the rack interior through the sides, an advantage when configuring rear connections.

Designed for floor installation. It includes 4 screw-on legs, they allow height regulation, from 45 to 80mm, simplifying the adjustment on inclined or uneven surfaces. Supplied assembled.

Highlights

- High strength and durability: made of steel, with a coating based on polyester resins and leadfree pigments
- Safety: Tempered glass, lockable hinged front door
- Laser marking: numerical identification of each "RU"
- Horizontal cable guides: 1RU cable panels located at the top and bottom of the cabinet to lead cabling from one side to the other and facilitate connections
- Vertical cable guides: 10 cm of extra space on each side of the rack for easy cable passage and cable management
- Comfort: double front door for reduced opening space
- Electrical safety: Each door and removable panel includes a grounding screw (terminal) to ensure proper grounding connection
- A 120×120mm ventilation kit can be incorporated for the installation of active equipment, such as headends
- Black colour (RAL 9004)



Ref.	533146
Logical ref.	MSR1942-81P
EAN13	8424450274279

Other features

Supply method	Assembled
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Physical data

Net weight	152,000.00 g
Gross volume	875.15 dm ³
Gross weight	177,000.00 g
Width	800.00 mm
Height	2,010.00 mm
Depth	1,000.00 mm
Main product weight	152,000.00 g

Packaging info

Pallet	1 Units
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Technical specifications

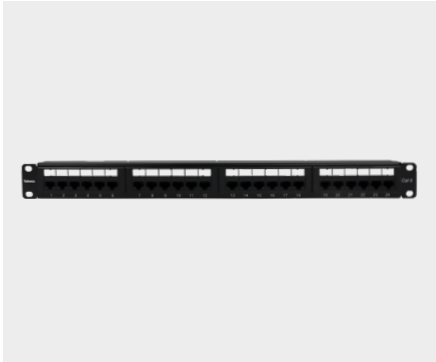
Reference		533146
Modular spacing (standard)	in	19
Height	mm	2010
Width	mm	800
Depth	mm	1000
Number of rack units (RU)		42
Material		Steel
Thickness	mm	1.2
Colour		Black
Surface finishing		Electrostatic powder
Number of doors		2
Front door material		Perforated steel
Rear door		Yes
Rear door material		Steel
Max. load capacity	kg	1000
Max. load capacity (with wheels)	kg	960
Max. load capacity (with legs)	kg	600
Removable sides		Yes
Installation type		Ground
Type of profile rail		L-shaped
Grounding		Yes
Protection index (IP)		20
Protection index (IK)		07

Patch panel for Rack 19" 1RU, with 24 "RJ45" Cat 6 UTP female connector

Designed as 1RU, it contains 24 RJ45 Cat 6 UTP female soldered connectors for data transmission with Gigabit Ethernet standard. It allows to have a fixed distribution network on which signal can be changed just through a reconnection on the panel.

Highlights

- Strength panel: Made of high strength die-casted zinc alloy
- Port labelling included
- Reusable connectors, allowing their connectorization on several occasions without deteriorating or losing functionality
- Designed as 1RU
- Connection table (T568A o T568B) on the panel
- Includes 4 screws and 4 nuts for installation in a 19"-rack
- Includes 2 velcro flanges and 24 plastic ties, for securing and organizing the cables
- Black colour (RAL 9005)



Ref.	533180
EPA NO.	781156-4
Logical ref.	UAF24UTP6
EAN13	8424450238240

Physical data

Net weight	806.00 g
Gross volume	3.17 dm³
Gross weight	928.00 g
Width	483.00 mm
Height	44.00 mm
Depth	92.00 mm
Main product weight	806.00 g

Packaging info

Box	1 Units
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Technical specifications

Reference		533180
Number of rack units (RU)		1
Modular spacing (standard)	in	19
Number of connectors		24
Data connector type		RJ45
Connector shielding		No
Categorie		Cat 6
Connection type		110
Contact resistance	mΩ	< 100
Insulation resistance	MΩ	500
Return losses (typ.)	dB	5.8
Width	mm	483
Height	mm	44
Depth	mm	95
Colour		Black

Splice Box for Rack 19" For "SC" Simplex or "LC" Duplex optical adapters

Designed to house SC-to-SC Simplex or LC-to-LC Duplex adapters, it can be used as a junction point for optical fibers (FO patch panel). It can be used to easily connect segregated multifiber hoses or several fiber hoses, thus allowing easy access and identification of these.

It allows having a fixed optical fiber distribution network, to which different signals can be delivered just by a reconnection on the panel. Thanks to its wide design, it facilitates the easy assembly and maintenance of the fusion patches that it houses. In addition, the position of the splice box can be set back with respect to the rack profile, in order to protect the connectors against knocks or chafing, and to allow the door to close without any problem.

Highlights

- Up to 24 SC Simplex or LC Duplex adapters
- Resistant material due to steel construction of frame and rails
- Lightweight base due to aluminium construction
- Each connector is identified with a laser-marked number
- Black colour (RAL 9005)
- Includes 4 screws and 4 nuts for installation in a 19"-rack
- Equipped with a FO tray and cover to house the different fiber splices
- Includes clamps and flanges for the fixing and guiding of the different fibers



Ref.	533152
EPA NO.	781155-4
Logical ref.	UFB24SC-A
EAN13	8424450182598

Other features

Height (RU)	1RU
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Physical data

Net weight	1,342.00 g
Gross volume	7.57 dm³
Gross weight	1,629.00 g
Width	480.00 mm
Height	42.00 mm
Depth	230.00 mm
Main product weight	1,342.00 g

Packaging info

Box	1 Units
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Technical specifications

Reference		533152
Number of rack units (RU)		1
Modular spacing (standard)	in	19
Optical connector type		LC Duplex / SC Simplex
Depth	mm	236
Depth adjustment	mm	55
Colour		Black

