

OPTIMIZED OPTICAL LNB

UP TO 64 DISTRIBUTION POINTS



REF.	ART. NR.	DESCRIPTION	EAN 13
235310	OSP4N	OFFSET OPTICAL LNB G72dB Po7dBm 64x GR.	8424450182642



Converts the 4 universal SAT IF bands to a single optical output (HH/HL/VH/VL). It allows to transmit the signal over long distances (km). Its **optimized optical modulation index (OMI)** has a positive direct effect on the optical transmission, improves the C/N and minimizes distortion, so that a splitting ratio of 64 fibre trunks is possible (**64 Quattro/Quad optical converters**).



REF.	ART. NR.	mm	Grs	Pack u.
235310	OSP4N	170 x 98 x Ø 68	435	1 / 15



Reference / Art. Nr.		235310 / OSP4N
Input Frequency	GHz	10.7 ... 12.75
Output Frequency	GHz	0.95 ... 5.45
L.O. Frecuency vertical	GHz	9.75
L.O. Frecuency horizontal	GHz	7.30
Modulated Laser Output	nm	1310
Optical Output Power	dBm	7 nominal at 25°C (± 2dBm over full temperature range)
Noise Figure (Typical at 25°C)	dB	0,5
Gain	dB	72 (gain variation over temperature range) (-30 ... +60C) ±2dB
Optical Modulation Index optimization (OMI)		Yes
Max. Optical converters (Quad /Quattro)		64
Phase Noise	dBc/Hz	Maximum limit
		-55
		-80
		-100
		-110
Local Oscillator Stability	MHz	± 2
Cross Polar Isolation	dB	Typ. 30 (min. 25)
Ambient operating temperature range	°C	-30 ... 60
Storage temperature range	°C	-40 ... 70
Current consumption	mA	< 160
Supply voltage	V	10 ... 20
DC input connector		"F" Female
Optical output connector		FC/PC

