

OPTICAL LNB

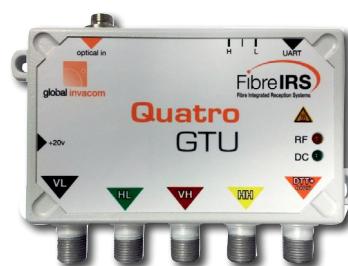
- II Conversion of the 4 SAT-IF levels of a satellite position to one single frequency-multiplex (stacking)
- II Conversion of the electrical multiplex signal into an optical output signal for fibre optical transmission (except SO LNB N)
- II SO LNB for 32-times distribution
- II SO LNB MK2 for 64-times distribution



Type		SO LNB	SO LNB MK 2	SO LNB N
Description		LNB with optical output	LNB with optical output	Fibre IRS Wholeband LNB
Item No.		57001824	57002375	57002320
L.O. frequency vertical	GHz	9.75	9.75	9.75
L.O. frequency horizontal	GHz	7.30	7.30	7.30
Noise figure	dB	0.5	0.5	0.7
Input frequency	GHz	10.70-12.75	10.70-12.75	10.70-12.75
Frequency range VL	GHz	0.95-1.95	0.95-1.95	0.95-1.95
Frequency range VH	GHz	1.95-3.00	1.95-3.00	1.95-3.00
Frequency range HL	GHz	3.40-4.40	3.40-4.40	3.40-4.40
Frequency range HH	GHz	4.40-5.45	4.40-5.45	4.40-5.45
Optical wavelength	nm	1310	1310	1310
Optical output	dBm	7.0	7.0 bis 8.0	7.0 bis 8.0
Fibre connector		FC/PC	FC/PC	-
Operating voltage		12 V by F connector plug (external PSU included in delivery)	12 V by F connector plug (external PSU included in delivery)	6 V by N-Type-Cable at connected unit
Feed fitting	mm	40	40	40

OPTICAL BACK CONVERTER

- II The back converter (De-Stacker) changes the optical signal from the SO LNB first as an electrical frequency multiplex signal and then sets it back into four original separate SAT-IF ranges
- II With Quad converters a multi-switch is already integrated. The receivers can be directly connected via the antenna outlet sockets. The operating voltage for the MDU is provided via the receiver
- II Quad- and Quattro Converter can be operated with voltage from STB's or from power supply (NT 20-1200; Art.No. 57002140).



Type		SO Quad MK3	SO Quattro MK3
Description		Optical Quad Converter	Optical Quattro Converter
Item No.		57003078	57003079
Optical wavelength	nm	1100 to 1650	1100 to 1650
Optical input level	dBm	-15 to 0	-15 to 0
Optical input		FC/PC	FC/PC
RF output frequency range	MHz	950 to 2150	950 to 2150
RF output level	dBμV	75	79
RF connectors		4 x F-female	4 x F-female
Dimensions	mm	140 x 90 x 30	140 x 90 x 30