

Fiber Satellite L-Band RF Over Fiber



Optical/ RF Parameters

**All Specifications Subject to Change Without Notice*

Transmitter Properties

Wavelength	1310 nm (standard) 1550 nm (optional) FP/DFB
Output Power	+2.0 dBm +/- 2 dB
Frequency Response Range	45 - 2800 MHz
RF Input Level	55 - 78 dB μ V
LNB Power (optional)	13 or 18 VDC /650mA Max 22KHz
RF Connector	F-Connector or by request
RF Return Loss	13 dB
RF Input Impedance	75 Ohm
CNR	40 dB
IMD	40 dB

Receiver Properties

Wavelength	1290 - 1600 nm
Optical input power range	-13 - 1 dBm (sensitivity -13dBm)
Frequency Range	900 - 2600 MHz
Output RF Response Levels	
Optical Input = 0 dB	RF Output = 88dBuV
Optical Input = -3 dB	RF Output = 82dBuV
Optical Input = -6 dB	RF Output = 74dBuV

Optical Input = -9 dB

RF Output = 68dBuV

Optical Input = -12 dB

RF Output = 63dBuV

General Parameters

Power Supply Info

18VDC, 3.5W

Temperature Range

(-45) - 150 F

RF Connectors

F-Connector or by request

Optical Connectors

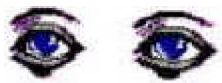
SC/APC or by request

Dimensions

118 mm x 210 mm x 40 mm

Weight

0.25 kg



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