

Four Channel Rack Mount L-Band RF Over Fiber Link

Single fiber DWDM transport compatible with EDFA optical amplifiers.



Product Specifications and Information Table

Transmitter Parameters		Optical Power Outputs	
Optical Wavelength	ITU-100GHz Type DWDM	Laser Rating = 2 mW	Optical Power Out = 3.0 dBm
Standard Wavelengths	1550nm Band, by request	Laser Rating = 4 mW	Optical Power Out = 6.0 dBm
RF Input Impedance	75Ω	Laser Rating = 6 mW	Optical Power Out = 8.0 dBm
Return loss	>12 dB	Laser Rating = 10 mW	Optical Power Out = 10. dBm
RF Frequency Response	45-2800 MHz model specific	Power Consumption	
RF Input Power Range	(-25) - (-14) dBmV	Power supply	DC 18V
RF Connector Type	F-Type, (Or by Request)	DC input voltage range	18V~24V
CNR	40 dB	Power consumption	3.5W±10%
IMD	40 dB	Environmental	
Receiver Parameters		Working temperature	-30 ~ 60°C
Optical Wavelength	Matched to Transmitter	Relative Humidity	≤95%, no condensation
Optical Power Range	-13 dBm - 0 dBm	Storage temperature	-40 ~ 85°C
RF Frequency Response	45 - 2800 MHz	Dimensions	
RF Connector Type	F-Type, (Or by Request)	Rackmount Enclosure	118mm×210mm×40mm