

6-Channel RF Over Fiber Link Unit



S.No	Description	Specifications
	Multi-Channel Signal Details	
1	RF Channels (DC-6GHz)	6No
2	Gigabit Ethernet Link	1No
	Fiber Type & Multiplexing Details	
3	Fiber Type	Six Core SMF-28
4	Multiplexing Type	CWDM
	Link Specifications	
5	Signal Operational Bandwidth	25 to 30kHz
6	Input Signal Range	-110 to -35dBm
7	Link Gain with inbuilt LNA	30±2.5dB
8	Noise Figure	<25dB
9	Input 1 dB Compression	-30dBm(Typ.)
	Gigabit Ethernet details	
10	Ethernet Interface optical: 100M/1000M UTP/SFP	
11	Rate: 100M/1000M, Full/duplex auto-negotiation	
12	Ethernet Electrical Connector: RJ45	
13	With built-in Micro OTDR for fault detection.	
	General Specifications	
14	Amplitude Matching	Within +2.5 dB for 6 RF channels
15	Phase Matching	Within 15 degrees between any two RF channels for 6 Channels
16	Supply Voltage	24Volts DC
17	RF Connectors	SMA(F)
18	Optical Connector	Rugged Suitable Connector
19	Fiber Cable with Suitable Connectors	6 Core SMF Cable
20	Operating Temperature	-20°C to +60°C
21	Storage Temperature	-40°C to +80°C
22	Number of Modules	2No(RFoF Tx & RFoF Rx)

