

10 Gigabit Repeater/Converter; SFP+ to SFP+, SFP+ to XFP and XFP to XFP

Description:

10 Gigabit Repeater/Converter Standalone, 120VAC.

Features:

- Supports ITUT prescribed DWDM/CWDM wavelengths
- Transmission rate: 9.95 Gb/s - 11.35 Gb/s
- Transparent Transport for data, less delay
- Supports hot plugging
- Status indicator lights
- Easy installation

Specifications:

Performance Data	Technical Indices
Equipment Function	3R Repeater
Transmission Speed	10Gb/s (9.95Gb/s-11.35Gb/s)
Access Type	STM-64/OC-192/10G Ethernet/10G fibre channel
Interface Type	SFP+ to/from SFP+
Transmission Distance	Up to SFP+ module (Max 80Km)
Local SFP+	Supports 10G SFP+/CWDM/DWDM. Specify optical parameters.
Remote SFP+	Supports 10G SFP+/CWDM/DWDM. Specify optical parameters.
Power Requirement	Standalone: AC 220V or AC 120VAC
Work Environment	Operating Temperature: 0~50 °C Storage Temperature: -10~70 °C Humidity: 5%~90% (Non-Condensing)
Dimension XFP-XFP; XFP-SFP+	Card: 11.5mm (W) x 78mm(D) Standalone: 156mm (W) x 128mm (D) x 32mm (H)
Dimension SFP+-SFP+	95 (W) x 20 (D) x 60mm (H)

Parameter	Unit	Technical Specification						
Nominal Bit Rate	Gbit/s	9.95						
Distance		LAN	Short Distance	Medium Distance	Long Distance			
Wavelength Range	nm	1290~1330 1529.55~1560.61	1290~1330 1529.55~1560.61	1290~1330 1529.55~1560.61	1529.55~1560.61			1529.55~1560.61
Optical Source Type		SLM						
Output Spectral Width (-20db)	nm	≤1	≤0.2	≤1	≤0.2	≤1	≤0.2	≤0.2
Average Output Optical Power	dBm	-6~1-	-5~-1	-6~1-	-5~-1	-6~1-	-5~-1	-1~2
Extinction Ratio	dB	≥6	≥8.2	≥6	≥8.2	≥6	≥8.2	≥10
Output Optical Eye Diagram		Meets the Standard of ITU-T G.691 (2006)						
Sensitivity	dBm	≤-11	≤-11	≤-14	≤-19	≤-18	≤-24	
Min Overload optical Power	dBm	≥-1	≥-1	≥-10	≥-8	≥-9		
Jitter Tolerance		Compliant with Standard of ITU-T G.825 (2000)		≥-1	≥-10	≥-8	≥-9	

Part Number	Description
FHM-9040	10 Gigabit Repeater/Converter SFP+ to SFP+ Standalone, 120VAC
FHM-9050	10 Gigabit Repeater/Converter XFP to XFP Standalone, 120VAC
FHM-9060	10 Gigabit Repeater/Converter SFP+ to XFP Standalone, 120VAC