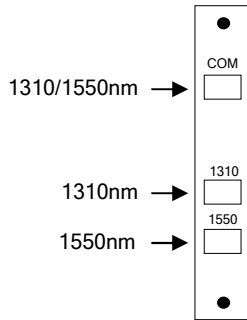


WDM 1310 | 1550 2W Optical Filter

Passive

Description

The WDM (Wavelength Division Multiplexer) 1310/1550 2W filter passive component supports video services in forward path at 1550nm and return path at 1310nm. Low insertion loss and high isolation between channels ensures reliable network performance. WDMs are offered in the LGX® single wide module including (2) WDMs in (1) LGX® single wide module for high-density use. WDMs can be ordered in cassette and rack-mount type housings and different configurations upon request.



2x WDM 1310/1550 LGX® 1S Module (pictured)

Specifications

Parameters		Value
Operating wavelength nm	1310 band	1260 ~ 1360
	1550 band	1550 ~ 1560
Insertion loss dB	1310nm	1.5
	1550nm	1.8
Isolation dB	1310nm	≥ 15 @ 1550 ~ 1560
	1550nm	≥ 30 @ 1310 + 1490
Wavelength thermal stability nm/°C max.		≤ 0.002
Return loss dB min.		≥ 50
Directivity dB min.		≥ 50
PDL dB max.		≤ 0.15
PMD ps max.		≤ 0.15
Power handling mW min.		≤ 300
Operating / Storage Temp. °C		-40 to +85
Fiber type	Singlemode Bend insensitive G657A	
Note: Above values do not include connectors		
Housing dimensions		Value
LGX® 1S module mm (HxWxL)		129x125x28

WDM 1310 | 1550 2W Optical Filter

Ordering information

Part number	Description
2W = 1310/1550 wavelengths	
MFT-M/35-00-ASC/ASC	2W SC/APC ports single wide LGX [®] module
MFT-M/35-00-ASC/ASC(2)	2x 2W SC/APC ports single wide LGX [®] module / High-density
MFT-M/35-00-SCU/SCU	2W SC/UPC ports single wide LGX [®] module
MFT-M/35-00-SCU/SCU(2)	2x 2W SC/UPC ports single wide LGX [®] module / High-density
MFT-M/35-00-ALC/ALC	2W LC/APC ports single wide LGX [®] module
MFT-M/35-00-ALC/ALC(2)	2x 2W LC/APC ports single wide LGX [®] module / High-density
MFT-M/35-00-LCU/LCU	2W LC/UPC ports single wide LGX [®] module
MFT-M/35-00-LCU/LCU(2)	2x 2W LC/UPC ports single wide LGX [®] module / High-density

Note: WDMs can be ordered in a combination of different adapter/connector types