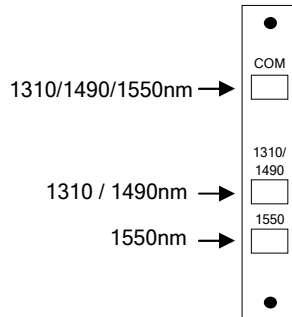


WDM 1310 | 1490 | 1550 3W Optical Filter

Description

WDM 1310/1490/1550 3W supports voice, data, and video services. The WDM passive components, based on thin film filter technology, combine all network services/signals over a single fiber. 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 1310/1490/1550 LGX[®] 1S Module (pictured)

Specifications

Parameters		Value
Operating wavelength nm	1310 band	1260 ~ 1360
	1490 band	1480 ~ 1500
	1550 band	1550 ~ 1560
Insertion loss dB	1310/1490nm	1.5
	1550nm	1.8
Isolation dB	1310/1490nm	≥ 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 [®] module mm (HxWxL)	129x125x28

WDM 1310 | 1490 | 1550 3W Optical Filter

Ordering information

Part number	Description
3W = 1310/1490/1550 wavelengths	
MFT-M-00-ASC/ASC	3W SC/APC ports single wide LGX [®] module
MFT-M-00-ASC/ASC(2)	2x 3W SC/APC ports single wide LGX [®] module / High-density
MFT-M-00-SCU/SCU	3W SC/UPC ports single wide LGX [®] module
MFT-M-00-SCU/SCU(2)	2x 3W SC/UPC ports single wide LGX [®] module / High-density
MFT-M-00-ALC/ALC	3W LC/APC ports single wide LGX [®] module
MFT-M-00-ALC/ALC(2)	2x 3W LC/APC ports single wide LGX [®] module / High-density
MFT-M-00-LCU/LCU	3W LC/UPC ports single wide LGX [®] module
MFT-M-00-LCU/LCU(2)	2x 3W LC/UPC ports single wide LGX [®] module / High-density

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