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Version.	B-0
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Description

The Triple-play WDM Based on thin-film filters technology and epoxy-free optical patch. The devices are designed and manufactured to meet Telcordia GR-1209-CORE requirements and RoHS compliant.

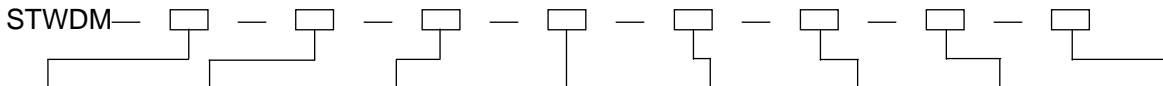
Applications

Network Expansion/Monitoring
Bi-Directional Systems
WDM Systems
CATV system

Features

Low Excess Loss
Wide Pass Band
High Reliability

Ordering Information



Config.	Trans. Windows	Refl. Windows	Fiber Type	Pigtail Dia.	Pigtail Length	Package	Connector Type
M=Mux	31=1310nm	31=1310nm	E=SMF-28e	09=0.9mm	05=50cm	A6	FU(A)=FC/UPC(APC)
D=Demux	49=1490nm	49=1490nm	B=SMF-28e XB	20=2mm	10=100cm	B1(2)	SU(A)=SC/UPC(APC)
MD=M&D	55=1550nm	55=1550nm		30=3mm	...	C1(2)	...
	62=1625nm	62=1625nm			20=200cm	D(1, 3)	LU(A)=LC/UPC(APC)
X=Customization							

Package and Mounting Dimension (mm)

Stainless Steel Tube (A)		Plastic Box (B)		Aluminum alloy Box (C)		Aluminum alloy Rack (D)	
Outline	Outline	Outline	Mounting	Outline	Mounting	Outline	
A1=Φ3x50	A5=Φ5.5x34	B1=90x20x9.5	50x12x2Φ3.2	C1=85x18x8.4	44.5x13x2Φ3	D1=129x29x160(LGX)	
A2=Φ3x54	A6=Φ5.5x38	B2=100x80x10	70x73.5x4Φ3.2	C2=90x72x8	86x68x4Φ3	D2=129x58x160(LGX)	
A3=Φ3x60	A7=Φ5.5x50	B3=120x80x18	80x74.5x4Φ3.2	C3=110x95x7.5	99x84x4Φ3.5	D3=485x43.5x230(19' Rack)	
A4=Φ5x70	A8=Φ5.5x64	B4=141x115x18	100x106x4Φ3.2	C4=110x95x15	99x84x4Φ3.5	D4=485x87x230(19' Rack)	
Item	φ 0.25 Stainless	φ 0.9 Stainless	φ 2/3 Stainless	φ 0.9(φ 2,φ 3) Plastic	φ 0.9(φ 2/φ 3) Aluminum Alloy	LGX	19' Rack
1X2	A6	A6	A4	B1	C1	D1	D3
M&D	/	/	/	B2	C2	D1	D3

Specification

Operating Wavelength(nm)	1260~1620/1260~1650						
Transmission Band	1260~1360	1260~1500	1260~1570	1525~1650	1480~1500	1615~1650	1535~1565
Reflection Band	1430~1620	1525~1620	1600~1650	1260~1500	1260~1450 1525~1620	1260~1580	1260~1500
Insertion Loss (In->TX@λ TB) (dB)	<0.8						
Insertion Loss (In->RX@λ RB) (dB)	<0.6						
Isolation (In->TX@λ RB) (dB)	>25/30/35/40						
Isolation (In->RX@λ TB) (dB)	>15/18/20/25						
PDL (dB)	<0.1						
Insertion Loss Temperature Sensitivity (dB/°C)	<0.005						
Wavelength Temperature Shifting(nm/°C)	<0.002						
Directivity (dB)	>50						
Return Loss (dB)	>40						
Fiber Type	SMF-28e/ SMF-28e XB						
Pigtail Dia. (mm)	0.25 /0.9 / 2 / 3						
Pigtail Length (cm)	>50						
Power Handling (mW)	<500						
Operating Tem. (°C)	-20~ +70						
Storage Tem.(°C)	-40~ +85						