



File No	SQ-07-0209
Version.	B-0
Page	1/1

Description

The Single Mode Fused WDM based on Two Parallel Fiber fused bi-conical taper technology. It has two windows. The devices are designed and manufactured to meet Telcordia GR-1209-CORE requirements and RoHS compliant.

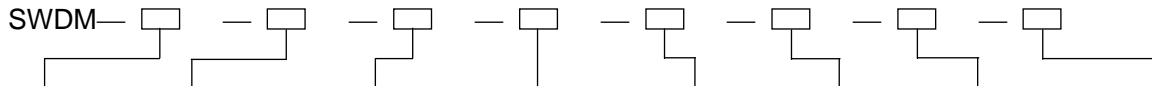
Applications

SONET
SDH
LAN

Features

Low excess loss
High reliability

Ordering Information



Ports	Wavelength	Isolation	Fiber Type	Pigtail Dia.	Pigtail Length	Package	Connector Type
12=1x2	9815=980/1550nm	01=15dB	F=Flex 1060	02=0.25mm	05=50cm	A1(2, 3, 4)	FU(A)=FC/UPC(APC)
22=2x2	1314=1310/1490nm	02=30dB	E=SMF-28e	09=0.9mm	10=100cm	B1(2)	SU(A)=SC/UPC(APC)
/	1315=1310/1550nm	03=40dB	B=SMF-28e XB	20=2mm	...	C1(2)	...
	1516=1550/1625nm	/	/	30=3mm	20=200cm	D1	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	
A2=Φ3x54	A6=Φ5.5x38	B2=100x80x10	70x73.5x4Φ3.2	C2=90x72x8	86x68x4Φ3	D2=129x58x160	
A3=Φ3x60	A7=Φ5.5x50	B3=120x80x18	80x74.5x4Φ3.2	C3=110x95x7.5	99x84x4Φ3.5	D3=485x43.5x230	
A4=Φ5x70	A8=Φ5.5x64	B4=141x115x18	100x106x4Φ3.2	C4=110x95x15	99x84x4Φ3.5	D4=485x87x230	
ISO	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
15dB	A1	A2	A4	B1	C1	D1	D3
30dB	/	/	/	B2	C2	D1	D3
45dB	/	/	/	C2	C2	D1	D3

Specification

Operating Wavelength(nm)	980±10	/	1550±10	1310±20	/	1550±20	Parameter	Unit	Value
	1550±5		1625±5						
Isolation(dB)	Insertion Loss (dB)					Fiber Type	/	Flex 1060/ SMF-28e	
>15	<0.30	<0.40	<0.20	<0.20	Directivity	dB	>50		
>30	<0.60	<0.70	<0.50	<0.50	Return Loss	dB	>50		
>45	<0.90	<1.00	<0.80	<0.80	Excess Loss	dB	Typ.:<0.1 Max.:<0.2		
/					Pigtail Dia.	mm	0.25 /0.9 / 2 / 3		
					Pigtail Length	cm	>50		
					Operating Tem.	℃	-10~ +70		
					Storage Tem.	℃	-40~ +85		