SM Two Wavelengths TFF WDM

Features

- High Isolation
- Low Insertion Loss
- Comply with RoHS
- Comply with Telcordia GR-1209, GR-1221

•Applications

- Local Area Networks
- FTTH Networks

SM TWO WAVELENGTH SPECIFICATIONS

PARAMETERS		980/1550nm	1310/1550nm	1480/1550nm	1550/1625nm
Grade		P	P	P	P
Pass Port λ1(nm)		1520~1600	1490~1610	1530~1580	1605~1640
Reflect Port λ2(nm)		965~1000	1250~1370	1440~1490	1530~1570
Pass Port	Insertion Loss	≦1.0dB (Typical 0.6)	≦0.6dB (Typical 0.4)	≦0.6dB (Typical 0.4)	≦0.9dB (Typical 0.6)
	Isolation	≧30dB (Typical 35)	≧30dB (Typical 40)	≧30dB (Typical 32)	≧25dB (Typical 32)
	Ripple	≦0.3dB	≦0.3dB	≦0.3dB	≦0.3dB
Reflect Port	Insertion Loss	≦0.6dB (Typical 0.4)	≦0.5dB (Typical 0.3)	≦0.5dB (Typical 0.3)	≦0.6dB (Typical 0.4)
	Isolation	≧13dB (Typical 18)	≧15dB (Typical 18)	≧13dB (Typical 18)	≧13dB (Typical 18)
Return Loss/Directivity		≧45/50dB			
PDL		≦0.1dB			
Operating Temperature		-5~70°C			
Storage Temperature		-40~85°C			

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Wavelength (nm)

11=980 pass/1550 reflect
12=1550 pass/ 980 reflect
21=1310 pass/1550 reflect
22=1550 pass/1310 reflect
31=1480 pass/1550 reflect
32=1550 pass/1480 reflect
91=1310 pass/1625 reflect
92=1625 pass/1310 reflect
A1=1550 pass/1625 reflect
A2=1625 pass/1550 reflect
X=others

Grade

1=P
X=others

Fiber Type (um)

1=9/125
2=50/125
3=62.5/125
X=others

Package Dimension (mm)

1=5.5*30
2=5.5*32
3=5.5*34
4=5.5*35
5=5.5*39
6=95*12*10
7=98*14*8.5
X=others

Cable Type

1=0.25mm
2=0.9mm
3=2mm
4=3mm
X=others

Fiber Length

1=1m
2=2m
3=3m
4=4m
5=5m
.....
X=others

Connector Type

0=None
F=FC/PC
S=SC/PC
T=ST/PC
L=LC/PC
M=MU/PC
E=E2000/PC
A=FC/APC
B=SC/APC
C=LC/APC
D=E2000/APC
X=others

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