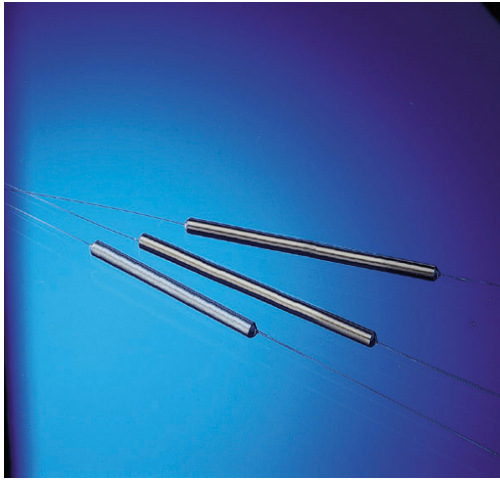


Multimode Wideband Coupler



Features

- Low insertion loss
- Comply with RoHS
- Compliant with Telcordia GR-1209, GR-1221

Applications

- Telecommunications
- FTTH, CATV, LAN

1*2/2*2 SPECIFICATIONS (based on 850 or 1310nm)

PARAMETERS	Multimode 50/125um, 62.5/125um or 100/140um	
Grade	P	
Operating Wavelength (nm)	800~1600nm	
Operating Central Wavelength (nm)	1310, 1550	850
Insertion Loss (Typical)	≤3.5dB (3.4dB)	≤4.0dB (3.7dB)
Uniformity	≤0.6dB	
Thermal Stability (-40~85°C)	±0.1dB	
Return Loss	≥35dB	
Operating Temperature	-40~85°C	
Storage Temperature	-40~85°C	

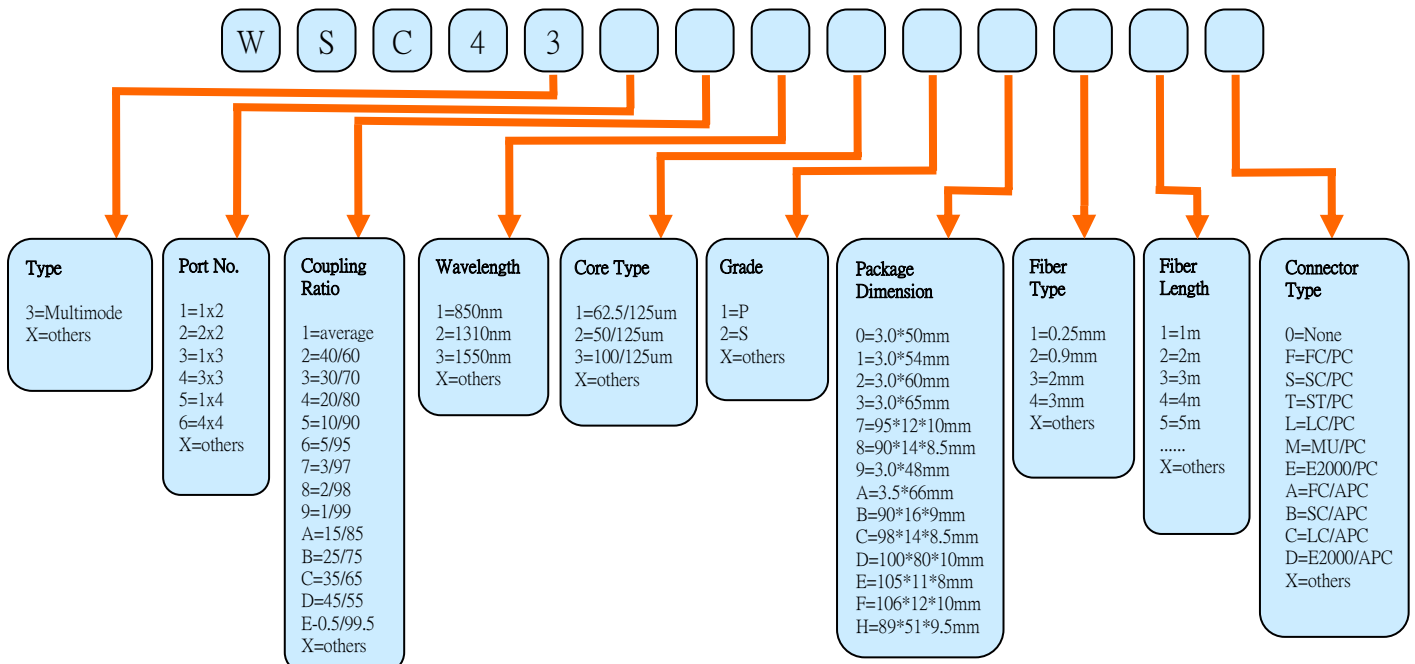
Coupling Ratio	Insertion Loss
50/50	4.0/4.0
40/60	5.0/3.0
30/70	6.2/2.3
20/80	8.1/1.7
10/90	11.5/1.2
5/95	15.0/0.9
1/99	22.5/0.75

1*3 SPECIFICATIONS (33.3/33.3/33.3)

PARAMETERS	Multimode 50/125um, 62.5/125um or 100/140um	
Grade	P	
Operating Wavelength (nm)	800~1600nm	
Operating Central Wavelength (nm)	1310	850
Insertion Loss (Typical)	≤6.0dB (5.7dB)	≤6.5dB (6.2B)
Uniformity	≤1.2dB	
Thermal Stability (-40~85°C)	±0.1dB	
Return Loss	≥35dB	
Operating Temperature	-40~85°C	

1*4 SPECIFICATIONS (25/25/25/25)

PARAMETERS	Multimode 50/125um, 62.5/125um or 100/140um	
Grade	P	
Operating Wavelength (nm)	800~1600nm	
Operating Central Wavelength (nm)	1310	850
Insertion Loss (Typical)	≤7.2dB (6.9dB)	≤7.6dB (7.3dB)
Uniformity	≤1.2dB	
Thermal Stability (-40~85°C)	±0.1dB	
Return Loss	≥35dB	
Operating Temperature	-40~85°C	



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