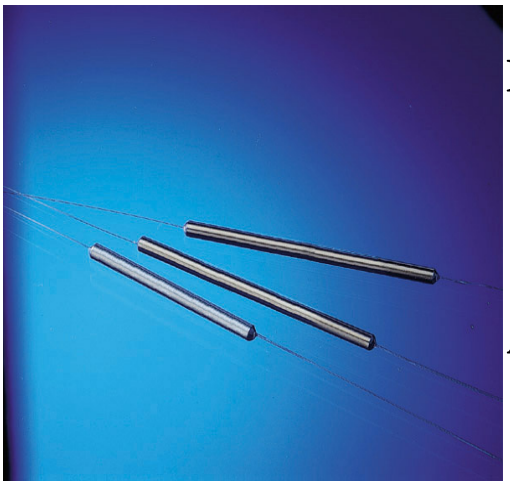
Multimode Wideband Coupler



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	S
Operating Wavelength (nm)	850, 1310, 1550 or customers specified 800~1600
Insertion Loss (Typical)	≦3.7dB (3.5dB)
Uniformity	≦0.6dB
Thermal Stability (-40~85˚C)	±0.1dB
Return Loss	≧35dB
Operating Temperature	-40~85˚C
Storage Temperature	-40~85˚C

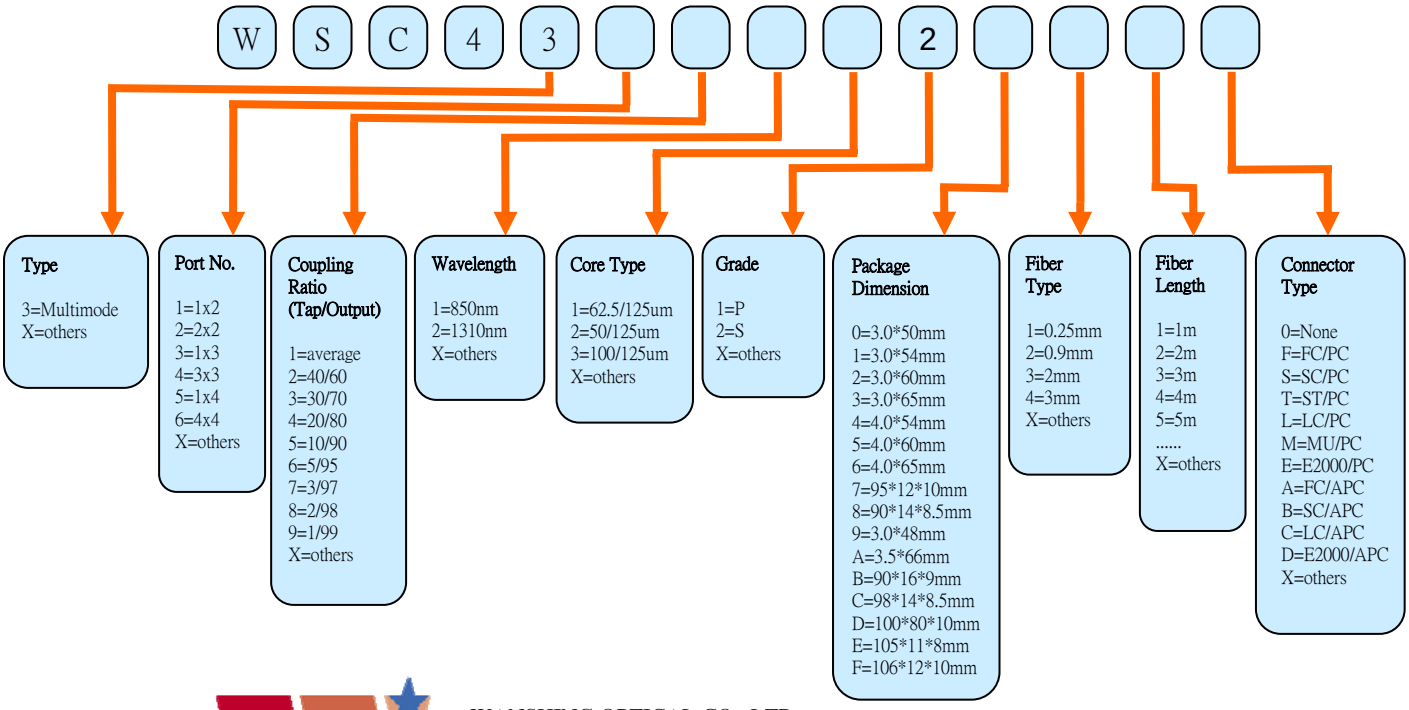
Coupling Ratio	Insertion Loss
50/50	3.7/3.7
40/60	4.6/2.7
30/70	5.9/2.1
20/80	7.6/1.5
10/90	10.9/0.95
5/95	14.1/0.75
1/99	21.7/0.55

1*3 SPECIFICATIONS (33/33/33)

PARAMETERS	Multimode 50/125um, 62.5/125um or 100/140um
Grade	S
Operating Wavelength (nm)	850, 1310, 1550 or customers Specified
Insertion Loss (Typical)	≦5.9dB (5.7dB)
Uniformity	≦1.2dB
Thermal Stability (-40~85˚C)	±0.1dB
Return Loss	≧35dB
Operating Temperature	-40~85˚C
Storage Temperature	-40~85˚C

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

PARAMETERS	Multimode 50/125um, 62.5/125um or 100/140um
Grade	S
Operating Wavelength (nm)	850, 1310, 1550 or customers Specified
Insertion Loss (Typical)	≦7.2dB (6.9dB)
Uniformity	≦1.2dB
Thermal Stability (-40~85˚C)	±0.1dB
Return Loss	≧35dB
Operating Temperature	-40~85˚C
Storage Temperature	-40~85˚C



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