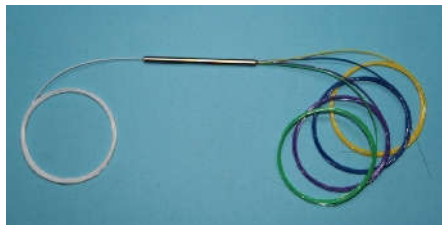




1×3 ,1×4 Monolithic Single Mode Coupler



Key Features

- Low excess loss
- Low PDL
- High stability and reliability

Applications

- Optical communication systems
- CATV
- Local Area Networks
- Testing instruments

Compliance

- Telcordia GR1209
- Telcordia GR1221

Specifications

Parameter \ Type	1×3 SSC		1×3 WBC		1×3 DWC	
Operating wavelength (nm)	1310 or 1550		1310 or 1550		1310 and 1550	
Operating bandwidth (nm)	±15		±40		±40	
Grade	P	A	P	A	P	A
Typical excess loss (dB)	0.10	0.15	0.10	0.15	0.10	0.15
Insertion Loss (dB)	≤5.4	≤5.7	≤5.6	≤6.0	≤5.8	≤6.2
PDL (dB)	≤0.15	≤0.20	≤0.15	≤0.20	≤0.20	≤0.25
Uniformity (dB)	≤0.8	≤1.2	≤1.0	≤1.4	≤1.2	≤1.5
Directivity (dB)	≥55					
Operating temperature (°C)	-40 ~ +85					

Type Parameter	1×4 SSC		1×4 WBC		1×4 DWC		1×4 TWC	
Operating wavelength (nm)	1310 or 1550,others on request				1310 and 1550		1310,1490 and 1550	
Operating bandwidth (nm)	±15		±40		±40		1310±40,1490±10,1550±40	
Grade	P	A	P	A	P	A	P	A
Typical excess loss (dB)	0.15	0.25	0.20	0.30	0.30	0.40	0.30	0.40
Insertion Loss (dB)	≤7.0	≤7.4	≤7.1	≤7.4	≤7.2	≤7.5	≤7.2	≤7.5
PDL (dB)	≤0.20	≤0.25	≤0.20	≤0.25	≤0.25	≤0.30	≤0.25	≤0.30
Uniformity (dB)	≤1.0	≤1.4	≤1.2	≤1.6	≤1.4	≤1.8	≤1.4	≤1.8
Directivity (dB)	≥55							
Operating temperature (℃)	-40 ~ +85							

*The above specification is without connector

**Other specifications can be made on customer request.



Package Information

Configuration	1×3 or 1×4	
Fiber lead length	1 meter, others on request	
Fiber type	250μm bare fiber	900μm loose tube
Dimensions (Φ×L)	Φ3.0mm×54mm	Φ4.0mm×70mm

*Other package dimensions can be made on customer request.

Ordering Information

XXX-X-XXX-XXXX-XX/XX-X-X-XXX-XX/XX

