

## Single Mode Broadband Tree Fiber Coupler



### Product Introduction

Single Mode Broadband Tree Fiber Coupler can operate in single-window or dual-window, and are featured with high stable and reliable performances.

The products are Telcordia GR-1221-CORE qualified, and RoHS compliant.

### Features

- Wide bandwidth
- Low insertion loss.
- Any split ratio available

### Applications

- Access network
- CATV Networks
- Test equipment

### Standards

- Telcordia GR-1209-CORE
- Telcordia GR-1221-CORE

Specifications

Parameters	Unit	Specifications								
Wavelength	nm	1310±40 or 1550±40								
Port 1×N OR 2×N (N≥3)		3	4	5	6	8	12	16	24	32
Max Insertion Loss	dB	5.4	7.0	8.0	9.2	10.4	12.8	14.4	15.3	17.4
Directivity	dB	≥55								
Return Loss	dB	≥50								
Max PDL	dB	0.2	0.2	0.3	0.3	0.3	0.4	0.4	0.4	0.5
Max TDL	dB	0.2	0.2	0.25	0.25	0.3	0.4	0.4	0.45	0.5

Parameters	Unit	Specifications								
Wavelength	nm	1310±40 and 1550±40								
Port 1×N and 2×N (N≥3)		3	4	5	6	8	12	16	24	32
Insertion Loss	dB	5.6	7.2	8.2	9.5	10.7	13	14.8	15.7	17.8
Directivity	dB	≥55								
Return Loss	dB	≥50								
PDL	dB	0.3	0.3	0.45	0.45	0.45	0.6	0.6	0.75	0.75
TDL	dB	0.2	0.2	0.3	0.3	0.3	0.4	0.4	0.5	0.5

Package and Installation Dimension

	D	F	E(Adapter)	G	J	M
Package (mm)	100×80×7.2	100×80×10	130×90×15	130×90×14	133.5×96×18	150×110×19
Installation (mm)	60×76.2×4φ3.0	94×74×4φ3.5	124×84×4φ3.5	60×87×4φ3.0	128.5×90×4φ3.0	145×105×4φ3.5

	LGX		11	12
Package (mm)	129×158×28 (1U)	129×158×58 (2U)	482×230×44	482×202×88

Ordering Information

WBC-□-□-□-□-□-□

