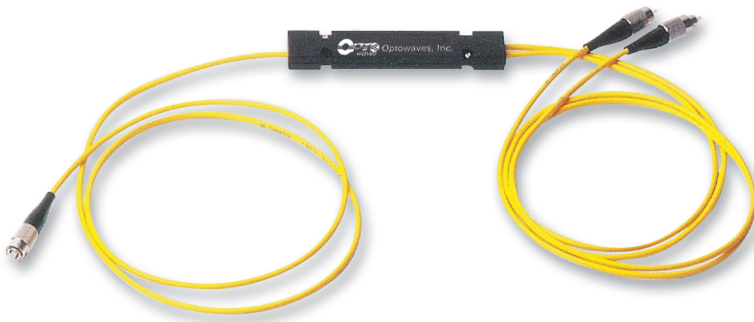




Single Mode Broadband Fiber Coupler

The Single Mode Broadband Fiber Coupler is used to split or combine signals between two or more fibers. It has single-window and dual window types. Using fused biconical taper technology, the device is designed and manufactured to meet Bellcore GR-1209-CORE requirements.



Features

- Wide Bandwidth
- Low Excess Loss
- Accurate Performance
- Excellent Stability and high Reliability

Applications

- Telecommunications
- CATV Network
- Access Network
- Optical Instrument

Specifications

		Single Window		Dual Window		Tri Window	
Center Wavelength	(nm)	1310 or 1550		1310/1550		1310/1490/1550	
Operating Bandwidth	(nm)	±40		±40		±20	
Grade		P	A	P	A	P	A
Excess Loss	(dB)	<0.1	<0.2	<0.15	<0.3	<0.15	<0.3
Insertion Loss	(dB)	<3.3	<3.6	<3.4	<3.6	<3.6	<3.8
Uniformity	(dB)	<0.5	<0.7	<0.5	<0.8	<0.5	<0.8
Polarization Dependent Loss	(dB)	<0.1	<0.15	<0.12	<0.16	<0.12	<0.16
Directivity	(dB)	>55					
Operating Temperature	(°C)	-40~+70					
Storage Temperature	(°C)	-40~+85					

Note: Data are for 50/50 coupling ratio, other ratio couplers are available upon request.

Ordering Information

