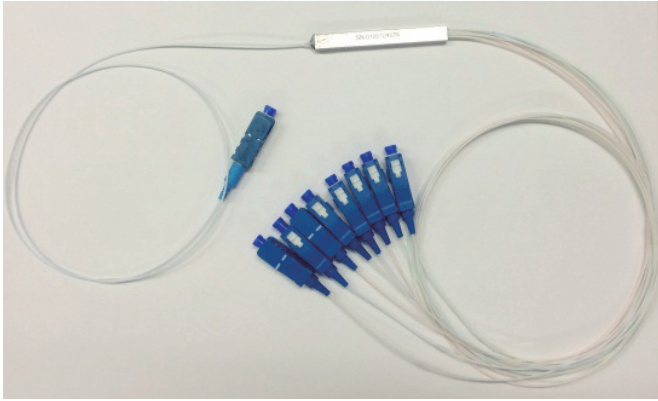


Optical Splitter

FWGC-SR15 Series



Features & Benefits

- Compact size and applicable to small closure
- High optical performance
- High reliability

Applications

- Ubiquitous application for optical splitting

Specifications

Item	1 × N					2 × N				
	1 × 2	1 × 4	1 × 8	1 × 16	1 × 32	2 × 2	2 × 4	2 × 8	2 × 16	2 × 32
Fiber	SM 10/125 fiber									
Operating Wavelength (nm)	1260~1650									
Insertion Loss* (Without Connector, dB)	≤ 3.7	≤ 7.3	≤ 10.5	≤ 14.1	≤ 17.45	≤ 4.2	≤ 7.5	≤ 11.0	≤ 14.3	≤ 17.5
Insertion Loss* (With Connector, dB)	≤ 4.2	≤ 7.8	≤ 11.0	≤ 14.6	≤ 17.95	≤ 4.7	≤ 8.0	≤ 11.5	≤ 14.8	≤ 18.0
Uniformity (dB) *	≤ 0.9	≤ 2.0	≤ 1.0	≤ 1.5	≤ 2.0	≤ 1.2	≤ 1.5	≤ 1.6	≤ 2.0	≤ 2.5
PDL(dBp-p) **	≤ 0.2	≤ 0.3	≤ 0.3	≤ 0.3	≤ 0.4	≤ 0.3	≤ 0.3	≤ 0.3	≤ 0.4	≤ 0.4
Return Loss (dB)	≥ 50									
Directivity(dB) **	≥ 50									
Dimension (L × W × H mm) ***	L60 W7 H4		L60 W12 H4		L80 W20 H6	L60 W7 H4		L80 W12 H4	L100 W20 H6	
Standard Cord Length (m)	1 (φ 0.9mm cordage)									

* same for UPC and APC polish, test wavelength 1310 & 1550nm ** Without connectors; ***Without cord

Ordering Information

Product Code

FSC- X PS- FWGC-SR15- Y -SC / Z -T

Quantity of Connectors:

3: 1 × 2 splitter 4: 2 × 2 splitter
 5: 1 × 4 splitter 6: 2 × 4 splitter
 9: 1 × 8 splitter 10: 2 × 8 splitter
 17: 1 × 16 splitter 18: 2 × 16 splitter
 33: 1 × 32 splitter 34: 2 × 32 splitter

Type of Connector:

APC: Angled PC
 UPC: UPC

Type of Splitter:

1 × 2: 1 × 2 splitter 2 × 2: 2 × 2 splitter
 1 × 4: 1 × 4 splitter 2 × 4: 2 × 4 splitter
 1 × 8: 1 × 8 splitter 2 × 8: 2 × 8 splitter
 1 × 16: 1 × 16 splitter 2 × 16: 2 × 16 splitter
 1 × 32: 1 × 32 splitter 2 × 32: 2 × 32 splitter