

Product Information

1x3/1x4 SINGLE FUSED SINGLE MODE COUPLER(SFC) SFC-xxxxxxxxxUM Series



Features

- Low PDL
- Low Insertion Loss
- Excellent Uniformity
- High Directivity
- Highly Stable and Reliable

Applications

- Telecommunications
- Local Area Network (LAN)
- Passive Optical Network (PON)
- Cable TV
- Fiber sensors

Product Performance Characteristics

Type	1x3		1x4	
Parameters	Premium	A Grade	Premium	A Grade
Wavelength	1310 ± 40, 1490 ± 10 and 1550 ± 40			
Insertion Loss (dB) Max.	5.6	6.0	7.5	8.0
Uniformity (dB) Max.	1.0	1.3	1.4	1.8
PDL (dB) Max	0.15	0.20	0.25	0.30
Directivity (dB) Min.	50			
Operating Temperature	- 40 degrees Celsius ~ 85 degrees Celsius			

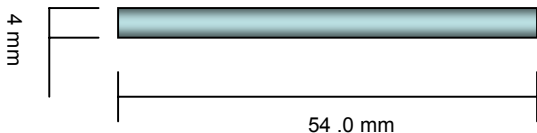
Special dimension upon request

Mechanical Outline

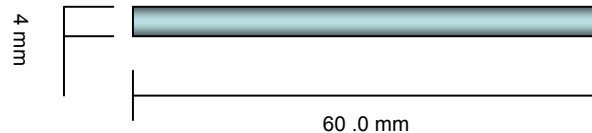
Package type	Housing type	Dimension	Pigtail style
Type B	Steel tube	4mm(Ø) x 60mm (L)	250µm bare fiber
Type L	Steel tube	4mm(Ø) x 60mm (L)	900µm loose buffered fiber

The dimension of type G package will depend on output port number, below LGX compatible housing is just for reference.

We also provide LGX compatible chassis, please see our chassis specification.



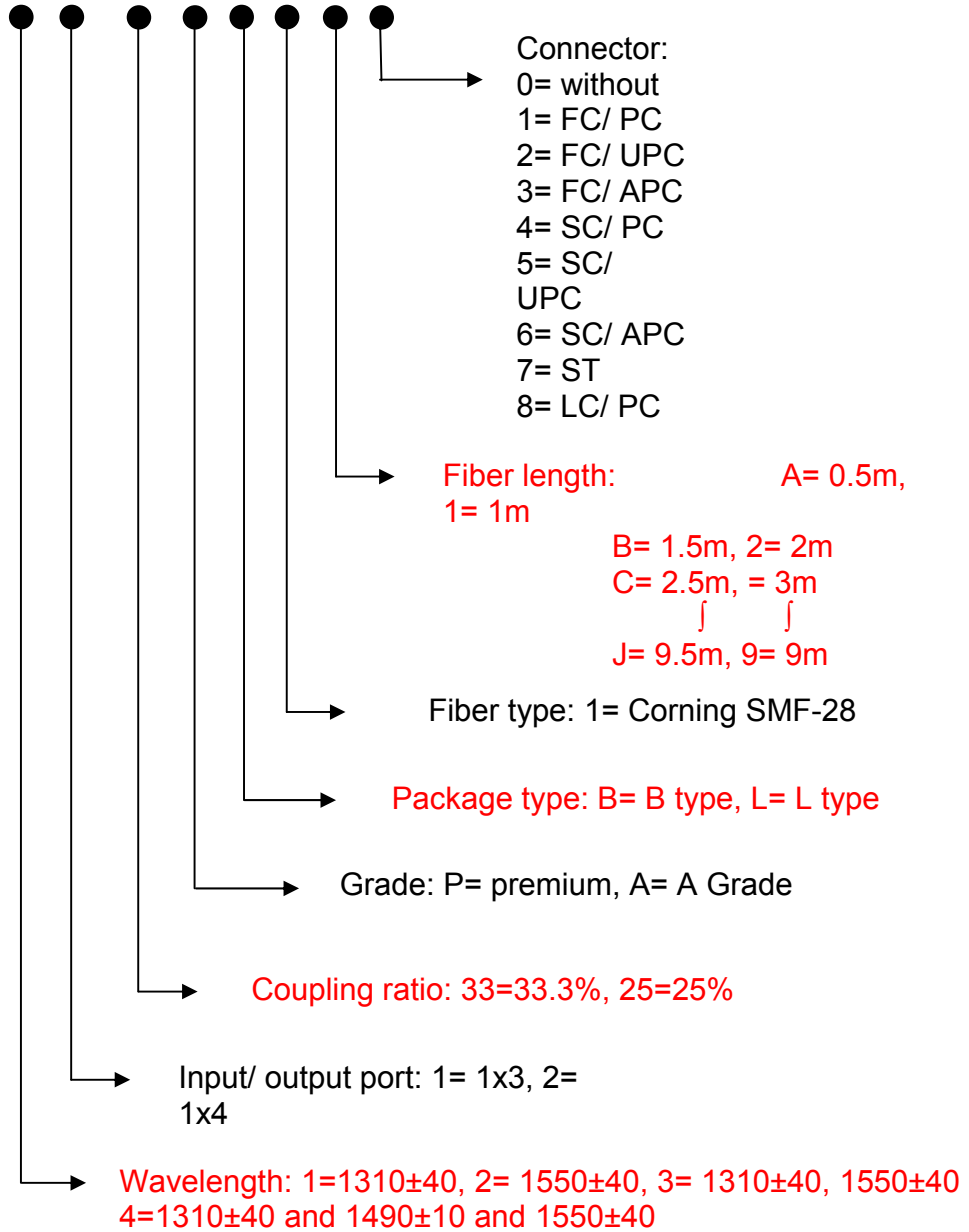
Type B: 250 µ , bare fiber
4 mm (diameter) x 54 mm (L)



Type L: 900 µ m loose buffered fiber
4 mm (diameter) x 60 mm (L)

Ordering Information

SFC-X-X-XX-X-X-X-X-X-UM



Rev A 2006-02-14

RAYCORE Fiber Optic Solutions AB

Postal address:
 PO. Box 2022
 SE-131 02 Nacka - Stockholm
 SWEDEN

Visiting address:
 Vattenverksvägen 8
 131 41 Nacka - Stockholm
 SWEDEN

Contact details:
 Phone: +46 (0)8 618 72 05
 Fax: +46 (0)8 618 72 09
 E-mail: sales@raycore-fos.com