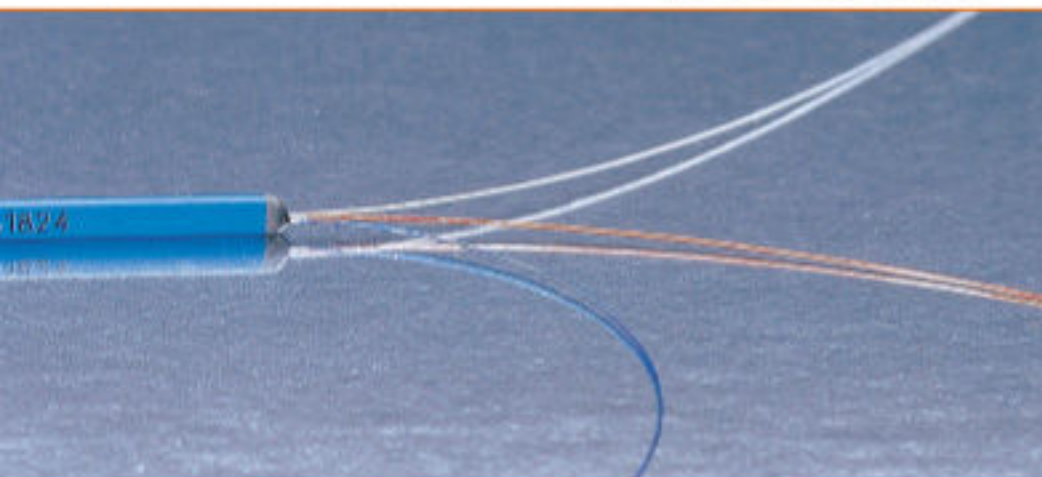


Wavelength Independent Couplers

1 x 3 Truly Fused WIC™ Couplers



Specifications

Center Wavelengths	1310nm and 1550nm
Bandpass	±40nm about center wavelengths
Insertion loss	See chart below
Uniformity	≤ 1.5dB for 33/33/33 split
Typical Directivity	≥ 50dB
Typical Thermal Stability	≤ ±0.1 dB over -40°C to 85°C
Packaging	Comes in package 12 and can be repackaged into modular boxes see page 22.

Splitting Ratio/Insertion Loss/Product Number Chart

Desired Split Ratio	Insertion Loss (dB)	Product Number
20/40/40	8.2/5.2/5.2	47-40335-13-21201
33/33/33	6.0/6.0/6.0	47-40335-13-01201
30/35/35	6.2/5.6/5.6	47-40335-13-31201
40/30/30	4.7/6.4/6.4	47-40335-13-41201
50/25/25	3.6/7.3/7.3	47-40335-13-51201
60/20/20	2.7/8.4/8.4	47-40335-13-61201
70/15/15	1.9/9.6/9.6	47-40335-13-71201
80/10/10	1.3/11.7/11.7	47-40335-13-81201

Product Number: (For Corning SMF-28™ Fiber)

4 7 - 4 ____ 3 5 - 1 3 - ____ 1 2 ____ 1

09 = 100 kpsi
32 = 200 kpsi

Split ratio
2 = 20/40/40
0 = 33/33/33
3 = 30/35/35
4 = 40/30/30
5 = 50/25/25
6 = 60/20/20
7 = 70/15/15
8 = 80/10/10

Connector style
0 = none
See page 23.