

Singlemode Tree & Star Couplers

Concatenated Wavelength Independent Tree and Star Couplers (1270nm to 1600nm)

Wavelength independent tree and star couplers will meet the specifications given below in both the 1310nm and the 1550nm operating windows. Other port counts are available.



Gould's Integrated Solutions Group can repackage components into easy-to-handle, connectorized, rack mountable assemblies. See pages 20-24 for packaging, connectorization and special services information.

Specifications for 1310 $\pm$ 40nm and 1550 $\pm$ 40nm

PORT CONFIGURATION		PARAMETER	SERIES 1	SERIES 2
Nx4 (N=1,2,4)	Insertion Loss		7.3dB	7.9dB
	Uniformity		1.7dB	2.6dB
Nx8 (N=1,2,8)	Insertion Loss		10.8dB	11.9dB
	Uniformity		2.5dB	4.0dB
Nx16 (N=1,2,16)	Insertion Loss		14.4dB	15.8dB
	Uniformity		3.3dB	5.2dB

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

47 — 3 5 — 0 1

Series 03 = 100kpsi
1,2 32 = 200 kpsi

Port configuration
14 = 1 x 4
24 = 2 x 4
44 = 4 x 4
18 = 1 x 8
28 = 2 x 8
88 = 8 x 8
51 = 1 x 16
52 = 2 x 16
53 = 16 x 16

Package style
Use modular box enclosures only. See Page 22.

Connector style
0 = none
See page 23.