

### ➔ Specifications (50/50)

Parameter	Premium	A Grade
Operating Wavelength Range	Center Wavelength $\pm$ 40 nm	
Insertion Loss (Max)	3.5 dB	3.7 dB
Uniformity (Typical)	0.5 dB	0.7 dB
Return Loss	55 dB (1x2) 65dB (2x2)	
PDL	0.10 dB	0.15 dB
TDL	0.2dB	
Operating & Storage Temperature	- 40° C ~ + 85° C	
Package Dimensions	Light Duty ( B )	3.0mm ( ) x 55.0mm (L)
	Medium Duty ( L )	3.0mm ( ) x 60.0mm (L)
	Heavy Duty (K, R)	100.0mm x 12.0mm x 8.0mm

### ➔ Tap Coupler

Coupling Ratio	Max Insertion Loss	
	Premium	A Grade
40/60	4.4/ 2.5 dB	4.8/2.8 dB
30/70	5.6/1.8 dB	6.1/2.0 dB
20/80	7.6/1.2 dB	8.0/1.3 dB
10/90	10.8/0.6 dB	12.0/0.8 dB
5/95	14.0/0.4 dB	14.5/0.5 dB
1/99	21.0/0.2 dB	21.5/0.3 dB

Note1: All values specified are without connectors.

Note2: Higher performance specifications are available upon request.

Note3: Fiber Type – Corning SMF-28e.

### ➔ Tree Couplers

*Port #	Max IL		Uniformity	
	Premium	A Grade	Premium	A Grade
1 x 4	7.0 dB	7.4 dB	1.0 dB	1.4 dB
1 x 8	10.2 dB	10.8 dB	1.5 dB	1.8 dB
1 x 16	14.0 dB	14.8 dB	2.0 dB	2.8 dB

\*Other port numbers upon request.

### ➔ Ordering Information

S	W	C	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-														
Port Number		Grade		Coupling Ratio		Wavelength		Fiber Length		Pigtail Style		Connector																						
12: 1 x 2	22: 2 x 2	14: 1 x 4	18: 1 x 8	116: 1 x 16	P: Premium	A: A Grade	xy % : xy %	EVEN: Even split	E: 1310 nm	F: 1480 nm	G: 1510 nm	H: 1550 nm	L: 1625 nm	1: 1 meter	2: 2 meter	S: Special	(=Package style)	B: bare fiber	L: 900 $\mu$ m loose tube	K: 2mm cable	R: 3mm cable	0: None	7: LC/UPC	1: FC/PC	8: LC/SPC	2: FC/APC	9: Special	3: SC/PC	A: FC/UPC	4: SC/APC	B: SC/UPC	5: FC/SPC	C: ST	6: SC/SPC