

### ➔ Specifications (50/50)

Parameter	Premium	
Center Wavelength	See order information (choose from 400-700nm)	
Band Pass	±10 nm	
Insertion Loss	3.8 dB	
Uniformity	1.0 dB	
Return Loss	55 dB	
PDL	0.15 dB	
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
40/60	4.8/ 2.8 dB
30/70	6.1/2.0 dB
20/80	8.0/1.3 dB
10/90	12.0/0.8 dB
5/95	14.5/0.5 dB
1/99	22.0/0.3 dB

Note1: All values specified are without connectors.



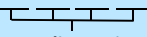


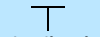

Note2: Higher performance specifications are available upon request.

### ➔ Tree Couplers

*Port #	Max IL	Uniformity
	Premium	Premium
1 x 4	7.5 dB	2.0 dB
1 x 8	11.0 dB	2.5 dB
1 x 16	15.0 dB	3.0 dB

\*Other port numbers upon request.

### ➔ Ordering Information

S	W	C					
							
	<b>Port Number</b>	<b>Grade</b>	<b>Coupling Ratio</b>	<b>Center Wavelength</b>	<b>Fiber Length</b>	<b>Pigtail Style</b>	<b>Connector</b>
	12: 1 x 2 22: 2 x 2 14: 1 x 4 18: 1 x 8 116: 1 x 16	P: Premium	xy % : xy % EVEN: Even split	Example: 460 = 460 nm	1: 1 meter 2: 2 meter S: Special	(=Package style) B: bare fiber L: 900 μm 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