

Fiber Optic Products

Monitor Optic Distribution Frame (M-ODF)



M-ODF (4U/5U 16-Channel)

FEATURES

- Low insertion loss
- Low excess loss
- Low PDL
- High directivity
- Long haul reliability
- Customer defined specifications



SPECIFICATIONS

Singlemode Coupler

Model	P	A
Wavelength (nm)	1550 ± 10 or Other	
Excess Loss (dB)	0.10	
Polarization Stability (dB)	0.1	0.1
Uniformity (50:50) (dB)	0.4	0.5
Thermal Stability (dB)	0.2	0.3
Directivity (dB)	50(1X2) / 60(2X2)	
Reflectance (dB)	50(1X2) / 60(2X2)	
Operating Temp. (°C)	-20 ~ +75	

Coupling Ratio

Model	P	A
50/50	3.3/3.3	3.4/3.4
45/55	3.8/2.9	3.9/3.0
40/60	4.3/2.5	4.4/2.6
35/65	4.9/2.1	5.0/2.2
30/70	5.6/1.8	5.7/1.85
25/75	6.4/1.45	6.5/1.55
20/80	7.4/1.15	7.5/1.2
15/85	8.7/0.9	8.8/0.95
10/90	10.5/0.6	10.6/0.7
5/95	13.7/0.35	13.8/0.4
1/99	21.0/0.15	21.3/0.2

Multimode Coupler

Model	P	A
Wavelength (nm)	800 ~ 1600	
Fiber Type (µm)	50/125, 62.5/125	
Excess Loss (dB)	0.7	
Uniformity (50:50) (dB)	0.5	1.0
Thermal Stability (dB)	0.2	0.3
Directivity (dB)	40	
Reflectance (dB)	55	
Operating Temp.(°C)	-20 ~ +75	

Coupling Ratio

Model	P	A
50/50	3.9/3.9	4.3/4.3
40/60	4.9/3.0	5.4/3.5
30/70	6.2/2.3	6.7/2.7
20/80	8.0/1.6	8.7/2.1
10/90	11.3/1.1	12.2/1.6
5/95	14.9/0.9	16.2/1.3
1/99	22.1/0.7	22.7/1.0