MULTI-MODE WIDEBAND FIBER COUPLER (850NM OR 1310NM BAND)

Product Description

The HiPhotonics multi-mode wideband fiber couplers are highly stable for multi-Port optical signal splting.They have very good uniformity,low excess loss and very low polarization sensitivity.All devices are tested according to industry standard test procedures and are supplied with all pertinent measurement data.

Hiphotonics can provide customized designs to meet specialized feature applications .Also,Hiphotonics offers midular assemblies that integrate other components to form afull function module.

Performance Specification

MMFC Series	Premium	Grade A	Unit
Configuration	1X2 or 2X2		
Wavelength Range	850;1310;850&1310;1310&1550		nm
Fiber Type	62.5/125;50/125		
Insertion Loss	≤4.0	≤4.3	dB
Uniformity(50/50)	≤0.4	≤0.7	dB
Typical Excess Loss	≤1.0	≤1.0	dB
Temperature Sensitivity	≤0.002	≤0.002	dB
Directivity(Min)	>40		dB
Maximum Power Handling	500		nW
Operating Temperture Range	⌒40 ~ +75		℃
Storage Temperature Range	⌒40 ~+ 85		℃
Package Dimensions	P1:250um bare fiber ¢3.0X 45		mm
	P2:900nm loose tube ¢3.0X 54		
	P3:3mm cable L90xW20xH10		
Qualifications	Telcordia GR-1221		

Features :

- Low Excess Loss
- Good Uniformity
- Excellent Environmental-Stability

Applications :

- Data Link
- LAN
- Sensors

Values are referenced without commector loss.

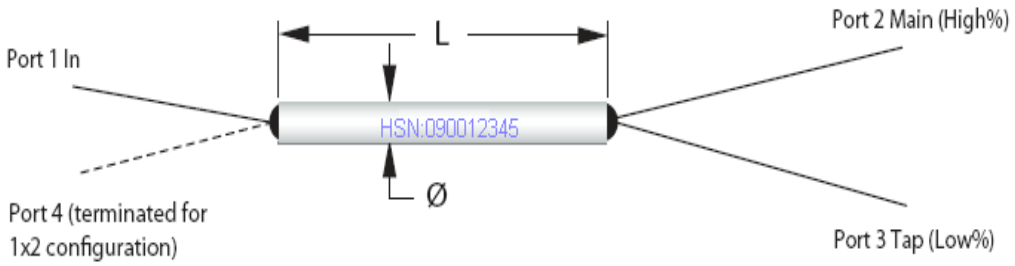
for 50/50 split ratio

measured under the stable mode condition with LED light source

HiPhotonics MMfc Series use (62.5/125um or 50/125um)multi-mode fiber

The mechanical tolerance should be +/-0.2 mm on all package dimensions unless otherwise custom specified.

Tel:+86-755-27662758 Fax;+86-755-27662591 Email:sales@hiphotonics.com



Order Information MMFC-①①-②②-③-④-⑤-⑥-⑦

①①Operating Wavelength
85=850nm
13=1310nm
15=1550nm
83=850/1310nm
85=850/1550nm

②②Port
12=1X2
22=2X2

③Coupling Ratio
50=50/50
S=Special

④Grade
P=P Grade
A=A Grade

⑤Packaging Dimension
A=P1+250um bare fiber
B=P2+900um loose tube
C=P3+3mm cable

⑥Fiber Length
A=0.5 Meter
B=1 Meter
C=1.5 Meter
D=2.0 Meter

S=Special

⑦Connector Type
0=None
1=FC/UPC
2=FC/APC
3=SC/UPC
4=SC/APC
5=LC
S=Special