

Mini Size Single-Mode Fused Type Fiber Coupler

Features

Low Insertion Loss
Low Polarization Dependent Loss
High stability & Reliability

Applications

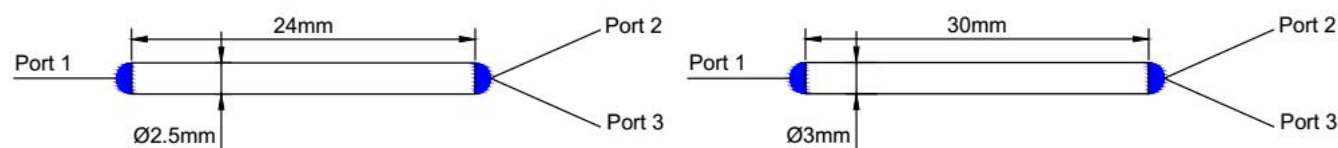
Optical Communication System
CATV
FTTX/PON

Specifications

Parameter		Unit	Value	
Grade			Grade P	Grade A
Operating Wavelength		nm	1310 or 1550	
Operating Bandwidth		nm	±15	
Max. Insertion Loss	50/50	dB	3.5/3.5	3.7/3.7
	40/60	dB	4.5/2.7	4.8/2.9
	30/70	dB	5.8/2.0	6.1/2.1
	20/80	dB	7.7/1.30	8.0/1.35
	10/90	dB	11.2/0.70	11.8/0.85
	5/95	dB	14.5/0.45	15.0/0.55
	2/98	dB	18.5/0.30	19.2/0.35
	1/99	dB	21.5/0.25	22/0.3
Max. Excess Loss		dB	0.1	0.2
Max. Polarization Dependent Loss		dB	0.1	0.15
Min. Directivity		dB	50	
Max. Return Loss		dB	50	
Max. Optical Power(CW)		W	2	
Package Dimension		mm	Φ2.4*25(bare fiber), φ3*30(bare fiber,0.9mm loose tube),	
Operating Temperature		℃	-40~+85	
Storage Temperature		℃	-40~+85	

For device with connector, IL is 0.3dB higher, RL is 5dB lower.

Package Dimensions



Ordering Information

MNFUC-1111-233-444-567-8888

1111	-Wavelength:	1310=1310nm, 1550=1550nm, 1315=1310nm & 1550nm
2	-Port Type:	2=1x2
33	-Tap Ratio:	01=01%/99%
444	-Fiber type:	001=PM1550, 002=PM1310, 003=PM980, 004=Hi1060, 008=SMF-28E
5	-Package Dimension:	0=φ2.5x24mm, 1=φ3.0x30mm,
6	-Pigtail type:	0=250 bare fiber, 1=900um loose tube
7	-Fiber length:	0=0.8m,1=1m
8888	-Connector type:	0=FC/UPC,1=FC/APC,2=SC/UPC,3=SC/APC,4=LC/UPC,5=LC/APC