

OPC- 1x2 FBT Coupler

Features:

Low insertion loss, low PDL
 High credibility and stability
 Industry standard and custom housing available
 Various coupling ratio and connector available

Application:

Optical communication system
 CATV System
 System and signal monitoring
 Fiber to the home (FTTH)



Specification:

Parameter	SM-DW-1X2 COUPLER					
Coupling Ratio	%	90 10	80 20	70 30	60 40	50 50
Operating Wavelength	nm	1310 , 1550nm				
Operating Bandwidth	nm	±40				
Insertion Loss	dB	≤0.8 ≤11.5	≤1.4 ≤8.2	≤2.1 ≤6.3	≤2.8 ≤4.8	≤3.8 ≤3.8
TDL (Max)	dB	≤0.15				
PDL (Max)	dB	≤0.2				
Directivity	dB	≥55				
Return loss	dB	≥55				
Operating Temperature	°C	-40~+85				
Cable Type/Connector Type		Customized				
Packaging Dimension		A B C S				
Qualifications		Telcordia GR-1221				

Specifications may change without notice

Order Information:

OPC-①-②-③-④-⑤-⑥-⑦

①Operating wavelength

31=1310nm
 55=1550nm
 35=1310nm and 1550nm
 SS=Special

②Port

12=1x2
 22=2x2

③Coupling Ratio

01=01/99
 05=05/99
 10=10/90
 20=20/80
 30=30/70
 40=40/60
 50=50/50
 S=Special

④Grade

P=P Grade
 A=A Grade

⑤Packaging Dimension

A=∅ 3.0X45+250um bare fiber
 B=∅ 3.0X54+900um tube
 C=ABS(90x20x10)+2mm/3mm Cable
 S=Special

⑥Fiber length

A=0.5 Meter
 B=1.0 Meter
 C=Customized

⑦Connector Type

0=None
 1=FC/UPC
 2=FC/APC

 C=Customized