

TWFC 1310&1490&1550 &1625 Window Coupler

Spec. Number	SR0049 REV01	N/A
Date	2016-11-24	2016-11-24
Part Number	TWFC012R1000150	NA

Specifications

Type		1310&1490&1550 &1625 Window Coupler (2/98)
Parameter		
Operating wavelength (nm)		1310 window: 1270~1350nm
		1550 window: 1510~1590nm
		1490 & 1625 nm
Insertion Loss (dB)	1310nm&1550nm windows	≤0.23@98% port, 19~21@2% port
	1490nm	≤0.23@98% port, 19~21@2% port
	1625nm	≤0.43@98% port, 19~21.2@2% port
PDL (dB)		≤0.15
Temperature stability (dB/°C)		≤0.002
Directivity (dB)		≥55
Return loss (dB)		≥50
Optical Power (mW)		≤500
Fiber Color List	Tap Port	Black
	Other Ports	Clear
Fiber Type		Corning XB fiber
Fiber Length	Input Port	>1.5 m
	Other Ports	2.3~2.5 m
Operating temperature (°C)		-5~ +75
Storage temperature (°C)		-40 ~ +85
Dimensions (mm)		Φ3.0×L47

*Above specifications are for devices without the connectors.

*For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower

Ordering Information:

TWFC	Wavelength	Port Type	Coupling Ratio	Package	Fiber Type	000	Pigtail Type	Length	Connector	Customer
	0=1310/1490/1550/1625nm	1=1*2	2=2/98	R= (Φ3.0×L47)	1= Corning XB	000	1=250um bare fiber 2=900um loose tube 3=3mm loose tube 4=2mm loose tube	H=0.5m 8=0.8m 1=1.0m 5=1.5m 2=2.0m 3=3.0m 4=4.0m A=2.5m B=5.0m	0=None 1=FC/UPC 2=FC/APC 3=LC/UPC 4=LC/APC 5=SC/APC 6=SC/UPC	Customer