

# 1x2 Tap WDM Device

## Description



1x2 Tap WDM device is based on the thin film filter technology, which can allow different proportion of optical power, the proportion can be specified by customer.

## Feature

- Epoxy-free on optical path
- High stability and reliability
- Material meet RoHS
- Meet GR 1209, GR 1221 requirement

## Application

- Data center
- CATV
- FTTH

## Specification

Parameter	Unit	Min	Typical	Max
Working Wavelength Range	nm		800-900	
Pass Channel Insertion Loss	dB	-	-	See below table
Reflection Channel Loss	dB	-	-	See below table
Directivity	dB	30	-	-
Return Loss	dB	30	-	-
Polarization Dependent Loss	dB	-	-	0.10
Maximum Optical Power	mW	-	-	500
Operating Temperature Range	°C		-5~70	
Storage Temperature Range	°C		-40~85	
Fiber Type	-	Corning ClearCurve OM4 multi-mode fiber or equal		
Fiber Length	m	1.0 (or customized)		

Below table show the different insertion loss vs different proportion :

Parameter	Unit	
	Reflect Port(dB)	Pass Port(dB)
R90T10	1.0	11.2
R80T20	1.6	7.6
R70T30	2.0	6.0
R60T40	2.8	4.7
R60T50	3.7	3.7

## Description



## Order Information

815	2	XX	X	X	X	X
Type		Spectral ratio	Diameter	Connector	Size	Fiber Mode
TAP WDM		30=R30T70	0=250um	0=None	0= Ø4.0x26	1=G657A1
		...	1=900um	1=LC/UPC	1= Ø5.5x39	2=G657A2
		50=R50T50	2= Other	2=SC/UPC	2= Ø3.2x26	3=G652D
				3=FC/UPC	3= Ø3.8x40	4=OM4
				4=ST/UPC	4=Other	5=OM5
			5=Other		6=Other	

Examples:

8152300001 TAP WDM, 3Por, Spectral ratio R30T70, 250um, connector free, Size Ø4.0x26mm, G657A1

8152101114 TAP WDM, 3Port, Spectral ratio R10T90, 900um loose casing, LC/UPC, Size Ø5.5x39mm, OM4