

1x2 Mini Tap-WDM

Features

- Low insertion loss
- Low excess loss
- Low PDL
- Dual operating window
- High stability and reliability



Application

- Optical communication systems
- CATV/FTTH

Performance Specifications

Parameters	Specification	
Operating Wavelength(nm)	1260-1650	
Testing Wavelength(nm)	1310/1550	
PDL(dB)	≤0.15	
Return Loss(dB)	≥50	
Directivity(dB)	≥50	
Max Optical Power(mW)	≤500	
Operating Temperature(℃)	-40~+85	
Storage Temperature(℃)	-40~+85	
Splitting Ratio Tolerance		
Splitting Ratio	Insertion Loss(dB)	
	Grade P	Grade A
50/50	≤3.6	≤3.8
45/55	≤4.2/3.2	≤4.4/3.4
40/60	≤4.7/2.7	≤4.9/2.9
35/65	≤5.4/2.4	≤5.7/2.6
33/67	≤5.7/2.2	≤6.0/2.4
30/70	≤6.0/1.9	≤6.3/2.1
25/75	≤7.0/1.7	≤7.3/1.9
20/80	≤7.9/1.3	≤8.4/1.4
15/85	≤9.5/1.0	≤10.0/1.2
10/90	9.2~11.2/≤0.75	8.80~11.40/≤0.8
5/95	12.05~14.15/≤0.4	11.60~14.60/≤0.5
3/97	14.1~16.5/≤0.35	13.60~17.05/≤0.45
2/98	15.75~18.45/≤0.3	15.15~19.00/≤0.4
1/99	18.6~21.6/≤0.25	17.95~22.25/≤0.35

*The above specification is without connector

Package Information

Configuration	1x2
Fiber Length	1m , or others on request
Fiber Type	SM fiber
Pigtail Type	250um bare fiber
Dimensinons(mm)	Ø2.0xL15

Dimensions:



Order information:

TAP-WDM PN: TWDM-XXXXXXXX-XX (TWDM+8 Code+2 Serial Number)													
TWDM	X		X		X		X		X		X		XX
	Channel		Center Wavelength		Package Type		Fiber Jacket		Fiber Length		Connector		Splitting Ratio
	1	1×1	1	780	1	Glass:4.0×25	0	250um Bare Fiber	0	0.5m	0	none	01 1/99
	2	1×2	2	850	2	Glass:3.2×25	1	0.9mm Loose Tube	1	1.0m	1	SC/UPC	02 2/98
	3	2×2	3	980	3	Steel:5.5×34	2	2.0mm Loose Tube	2	1.5m	2	SC/APC	03 3/97
	4	2×4	4	1310	4	Steel:5.5×38	3	3.0mm Loose Tube	3	2.0m	3	FC/UPC	
	S	Special	5	1490	5	Steel:3.8×34	4	0.9mm Tight Tube	4	2.5m	4	FC/APC	48 48/52
			6	1550	5	90×20×10 ABS	5	2.0mm Tight Tube	5	3.0m	5	LC/UPC	49 49/51
			7	1310& 1490	6	100×80×10 ABS	6	3.0mm Tight Tube	6	3.5m	6	LC/APC	50 50/50
			8	1310& 1550	7	Glass:2.0×15	M	MM Fiber	7	0.7m	7	ST/UPC	0S Special
			9	1490& 1550	H	Metal Box	P	PM Fiber	8	1.2m	8	E2000	
			0	1310& 1490& 1550	K	Rackmount	S	Special	9	2.7m	9	MPO	
			S	Special	L	LGX Box	S	Special	S	Special	S	Special	