



Single Mode Wavelength Division Multiplexers(980/1550) (WDM series)

The Single Mode Wavelength Division Multiplexers are based on BTF technology. The devices combine or separate light at different wavelengths. They offer very low insertion loss, low polarization dependence, high isolation and excellent environmental stability. These components have been extensively used in EDFA, CATV, WDM networks and fiber optics instrumentation.



Specifications

Parameters	Unit	Values
Grade		P
Operating Wavelength	nm	980/1550
Bandwidth	nm	± 10
Minimum Isolation	dB	19
Max. Insertion Loss	dB	0.3
Max. PDL	dB	0.1
Thermal Stability	dB/	0.002dB/ over -5 °C to +70 °C
Directivity		55 dB
Configuration		1 X 2 or 2 X 2
Fiber length		1 meter, others on request
Fiber type		Lucent 980 coupler fiber
Package Dimensions		250um bare fiber and dia. 3.0 mm x 55mm 900um loose tube and dia. 3.0mm X 60mm 3mm loose cable and 95.5mm X 11.8mm X6.3mm
Operating Temperature		-5 °C to +70 °C

*The above specification is for coupler without connector

*For devices with connectors, insertion loss will be 0.3dB higher, RL will be 5dB lower.

Ordering Information

WDM- - - - - -

: Port	:Connector Type	: Fiber Type
1 - 1X2	1 - FC/UPC	B - 250 um bare fiber
2 - 2X2	2 - ST/UPC	L - 900 um loose tube
	3 - LC/UPC	C - 3mm loose cable
	4 - FC/APC	
: Wavelength	5 - SC/APC	: Fiber Length
9855 - 980&1550	6 - SC/UPC	1 - 1m
	N - None	S - Specify
: Grade	S - Specify	
P - P grade		: Fiber Option
S - Specify		L - Lucent 980 coupler fiber