4 Channel CWDM Modul

4 Channel + 1 1310nm +/-50nm for Supervisory Channel with Expansion Channel

Features:

- Supervisory channel (optional)
- Expansion channel (optional)
- Low insertion loss
- High channel isolation
- Compliant with Telecordia GR-1221-CORE

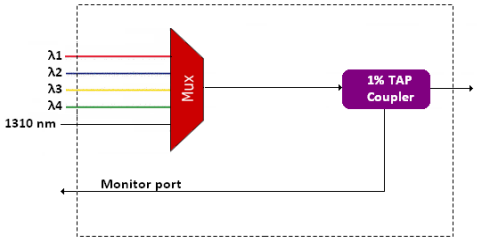
TECHNICAL DATA (without connectors, with Supervisory, Expansion channel)

Parameters				Unit	Values
Channel spacing				nm	20
Number of channels				ch	4
Central wavelength				nm	1271, 1291...1611
Operation wavelength				nm	ITU +/- 6.5
Ripple in passband				dB	0.5
Supervisory wavelength				nm	1310 +/- 50
Insertion loss*	Mux	Input to Output	Max.	dB	1.7
		Supervisory to Output	Max.	dB	0.8
	Demux	Input to Output	Max.	dB	1.7
		Input to Supervisory	Max	dB	0.8
	Input to Expansion		Max.	dB	2.0
Isolation	Mux	Adjacent channel	Min.	dB	n/a
		Non-adjacent channel	Min.	dB	13
	Demux	Adjacent channel	Min.	dB	30
		Non-adjacent channel	Min.	dB	40
	Expansion		Min.	dB	30
Polarization Dependent Loss			Max.	dB	0.1
Polarization Mode Dispersion			Max.	ps	0.1
Return Loss*			Min.	dB	50
Insertion loss temperature stability			Max	dB/°C	0.005
Temperature wavelength drift			Max.	nm/°C	0.005
Power handling			Max.		
Operating temperature				°C	0 - +70
Storage temperature				°C	-40 - +85

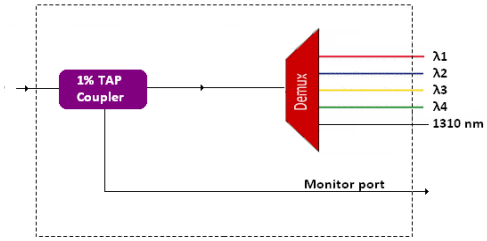
* - SC, LC, E2000 or other connectors available

** - for more information please contact our sales department

CWDM modules can be equipped with 1%, -20dB Monitor port



The way of expansion channel and monit port implementation in 4ch CWDM Mux module



The way of expansion channel and monit port implementation in 4ch CWDM Demux module

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