



Accelink's CWDMs are based on thin film filter technology. These devices have broad passbands and high isolation and they are ideal for operation with inexpensive uncooled lasers.

Accelink's CWDM devices are Telcordia GR-1221 - CORE qualified. CWDM are epoxy-free in the optical path.

Features

- Extended temperature range
- Flat and wide passband
- High demux channel isolation

Applications

- Metro optical networks
- Access optical networks
- Enterprise networks

Specifications

Parameter	Unit	Value			
		2	4	8	16
Channel number		2	4	8	16
Central wavelength	nm	ITU-T Grid			
Passband@0.5dB	nm	≥14			
Passband	nm	$\lambda_{ITU} \pm 6.5$			
Passband flatness	dB	≤0.5			
Insertion loss(Typ.)	dB	1.4	1.6	1.8	4.3
Insertion loss(Max.)	dB	1.8	2.0	2.5	5.0
Adjacent channel isolation	dB	≥30			
Non-adjacent channel isolation	dB	≥45			
Wavelength thermal stability	nm/°C	≤0.002			
Insertion loss thermal stability	dB/°C	≤0.005	≤0.005	≤0.007	≤0.008
Return loss	dB	≥45			
PMD	ps	≤0.10	≤0.10	≤0.15	≤0.15
PDL	dB	≤0.10	≤0.15	≤0.20	≤0.25
Directivity	dB	≥50			
Operation temperature	°C	-5~+65			
Storage temperature	°C	-40~+85			
Package	mm	88.9×50.8×8.3	120×80×13	130×87×13	150×115×13

Ordering information

Channel space	Channel number	Start ITU channel number	Fiber Dia.	Fiber length	Connector	Application type
20:20nm	2:2channel 4:4channel 8:8channel 16:16channel	1271、1291... Refer to ITU channel table in page 55	09: φ 0.9mm	0.5:0.5m customer specify	00:no connector FC,SC,LC,MU/PC, UPC,APC	M: MUX. D: DEMUX. M/D:MUX./DEMUX.