

CWDM Mux Demux Dual and Single Fiber Specifications and ITU Reference Table

OPTICAL SPECIFICATIONS

Parameters	Value				
	2	4	8	16	18
Channel number	2	4	8	16	18
Central wavelength nm	ITU-T Grid				
Bandwidth (@0.5dB Passband) nm	≥ 14				
Channel passband nm	ITU±6.5				
Ripple dB	≤ 0.3				
Insertion loss dB					
Typical	1.2	1.6	2.2	3.2	3.8
Max.	1.4	1.8	2.8	5.0	5.6
PDL dB	≤ 0.10	≤ 0.15	≤ 0.20	≤ 0.25	≤ 0.30
Adj. channel isolation dB	≥ 30				
Non-adj. channel isolation dB	≥ 45				
Return loss dB	≥ 45				
Directivity dB	≥ 50				
Operating temperature °C	-5 to +70				
Storage temperature °C	-40 to +85				
Fiber type	Singlemode Bend insensitive G657A				

Note: Above values do not include connectors