

1U Plug-in Chassis

The 1U plug-in CWDM products introduced by Sintai company are modular in design. Each CWDM card supports up to 18-wave CWDM multiplex/demultiplex. The CWDM card can be flexibly configured according to network requirements, which greatly saves customers' fiber resources. . The 1U chassis can provide 4 slots to support all types of CWDM cards. It is suitable for CWDM centralized deployment and is widely used in metropolitan area networks.

Product features

low insertion loss

High channel isolation

High stability and reliability

Light path without glue process

2~18 channels are optional

Product specification

Parameter	Unit	MUX/DEMUX			
		4	8	16	18
Channel Number	CH	4	8	16	18
Operating Wavelength	nm	1260~1620			
Center Wavelength@ λ_c	nm	ITU Grid			
Channel Spacing	nm	20			
Channel Insertion Loss	dB	≤ 1.8	≤ 2.5	≤ 3.5	≤ 4.0
Channel band Bandwidth	nm	$\geq \lambda_c \pm 6.5$			
Channel Ripple	dB	≤ 0.5			
Adjacent Channel Isolation	dB	≥ 30			
Non-Adjacent Channel Isolation	dB	≥ 45			
Return Loss	dB	≥ 50			
Directivity	dB	≥ 55			
PDL	dB	≤ 0.2			
PMD	ps	≤ 0.2			

Power Handling	mW	≤500
Operating Temperature	°C	0~+70
Storage Temperature	°C	-40 ~+85
Fiber Type	-	Corning SMF-28e Ultra
Package Size	mm	Standard 1U 19", 44(H)x442(W)x220(D)
Fiber Adapter Type	-	SC or LC