

Part Number	8-CH DWDM MUX+DEMUX + 1310 + UPG Pending
Label	20111214

Optical Requirements

Channel Number		8 + 1+1	
Central wavelength	DWDM	C21-C28+1310+UPG	
Channel Spacing		100G	
Passband	Channel Ports (Min.)	ITU +/-0.11 nm	
	1310 (Min.)	+/-50 nm	
	UPG (Min.)	C-band w/o C20-C29	
Insertion Loss (max., incl. connectors)	DWDM	3.5 dB	
	1310 port	1.0 dB	
Pass Band ripple	(Max.)	0.5 dB	
Isolation	Adjacent channel (Min.)	30 dB	
	Non-adjacent channel (Min.)	40 dB	
	1310 channel (Min.)	30 dB	
	UPG (Min.)	12 dB	
Return Loss (incl.connectors)	all Ports (Min.)	45 dB	
Directivity	Channel Ports (Min.)	50 dB	
Polarization Dependent Loss	(Max.)	0.2 dB	
Polarization Mode Dispersion	(Max.)	0.2 ps	
Maximum Optical Power	(Max.)	300 mW	

Environmental Requirements

Operating Temperature	-10°C to +70°C
Storage Temperature	-40°C to +85°C
Reliability	Telcordia GR-1209, GR-1221

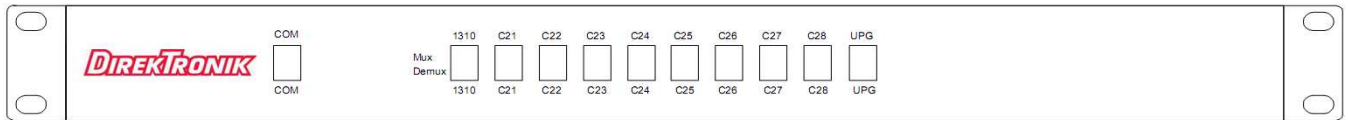
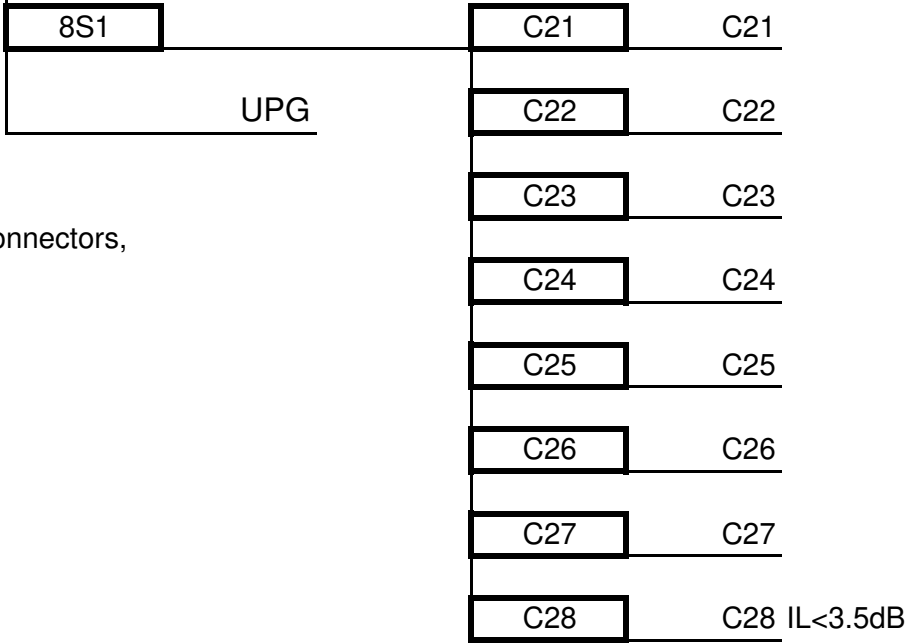
Mechanical Requirements

Package Size	19" 1U rackmount	
Fiber Type	SMF-28 or equivalent	∅ 9 / 125 / 250 μm
Fiber Proof Test	> 100 kpsi	
Fiber Jacket	900μm loose tube	
Pigtail Length	350+/- 50mm	
Connector Type	LC/PC for all ports	

COM 1310+/-50 1310

8+1+1-CH DWDM Rackmount
 PN: xxxxxxxx
 SN: xxxxxxxx001

900um loose tube with LC/PC connectors,
 packed in 19" 1U rackmount.



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COM 1310+/-50 1310

