

Part Number	40-CH DWDM MUX+DEMUX Pending
Label	Flyin Standard

Optical Requirements

Channel Number		40	
Central wavelength	DWDM	C21-C60	
Channel Spacing		100G	
Passband	Channel Ports (Min.)	ITU +/-0.11 nm	
Insertion Loss (max., incl. connectors)	DWDM	4.5 dB	
Pass Band ripple	(Max.)	0.5 dB	
Isolation	Adjacent channel (Min.)	30 dB	
	Non-adjacent channel (Min.)	40 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	-40°C to +85°C
Storage Temperature	-40°C to +85°C
Reliability	Telcordia GR-1209, GR-1221

Mechanical Requirements

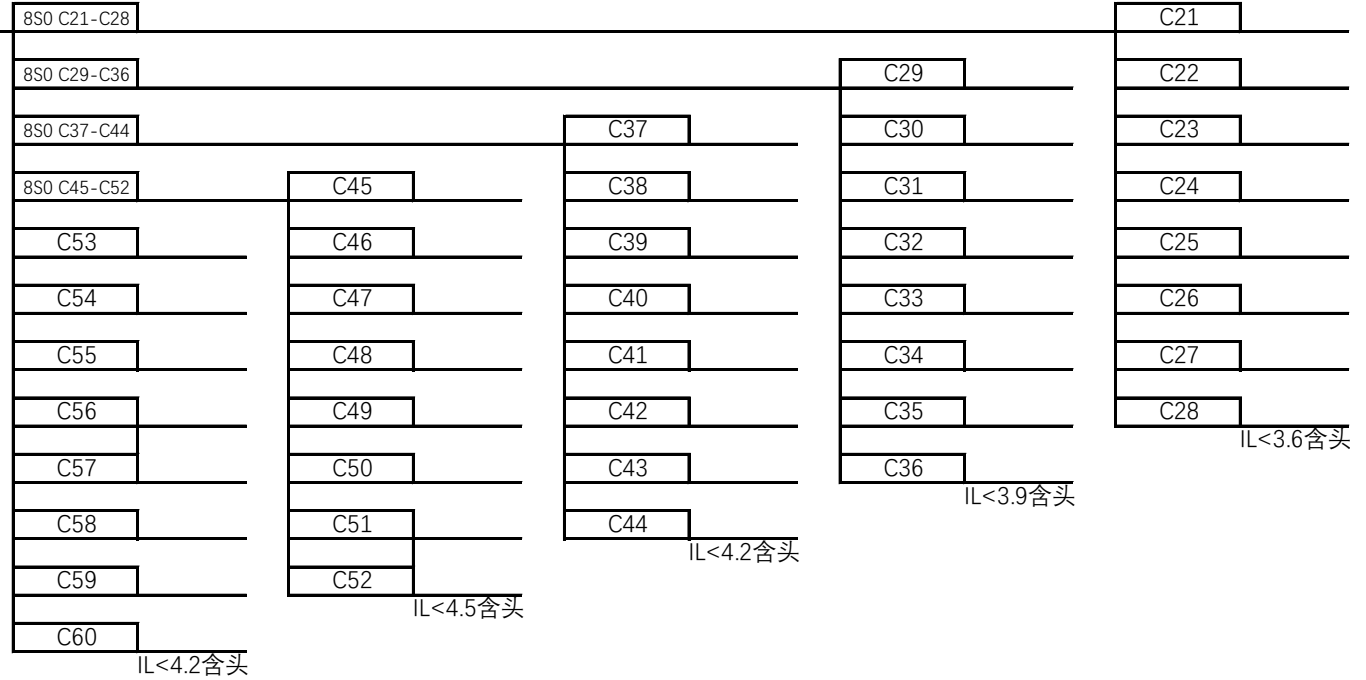
Package Size	19" 1U rackmount	
Fiber Type	SMF-28 or equivalent	∅ 9 / 125 / 250 μm
Fiber Proof Test	> 100 kpsi	
Fiber Jacket	900μm loose tube	
Pigtail Length	500+/- 50mm	
Connector Type	LC/PC for all ports	

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40-CH DWDM Mux+Demux
PN: xxxxxxxx
SN: xxxxxxxx001

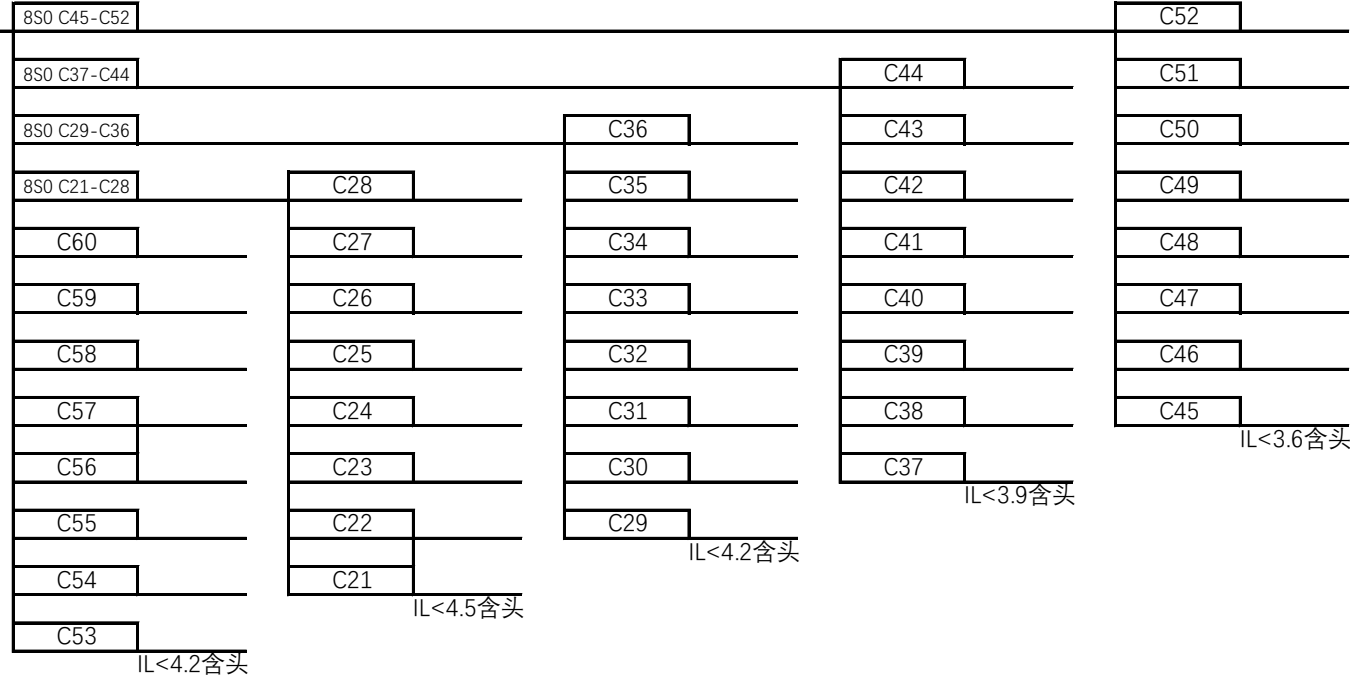
900um loose tube, 0.5m,
LC/UPC connectors.
Packed in 19" 1U rackmount.

Mux



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Demux



DIREKTRONIK

