



/LJKWLQJ <RXU 'UHDPV

OSP

OSP

EDFA OEO OLP OLM FEC RFA OCM TDC

20

C/S





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200G

200G 0E0	OSP	100Gbps/200Gbps	2
100GE/OTU4	CFP2	200G	
	19.2Tbps	120km	

200G/100G	&	96ch	
100GE/OTU4		100G SR4/LR4/PSM4/CWDM4	RS-FEC
OTU			
FEC			



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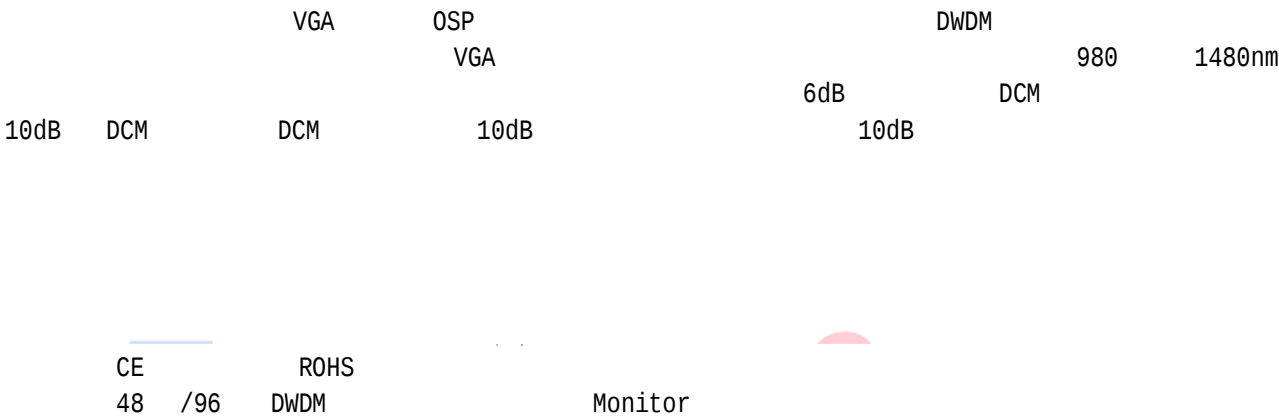
FGA

LA FGA OSP BA PA LA BA DWDM
980 1480nm PA FGA





VGA



		1529 ~ 1564nm
		-28 ~ -1dBm
		0 ~ 10dB
		+21dBm
		22 ~ 28dB ¹
	≤ 6dB@	=28dB
	≤ 6.5dB@	=25dB
	≤ 7dB@	=22dB
		≤ 1.5dB
		0.5dB
		1.5dB
		2
		30W
		LC/UPC

1



/LJKWLQJ <RXU 'UHDPV

EDFA Array

3

0

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OCM

OCM

DWDM

1528nm-1568nm

Telcordia GR-1209/1221 ITU-T G.697



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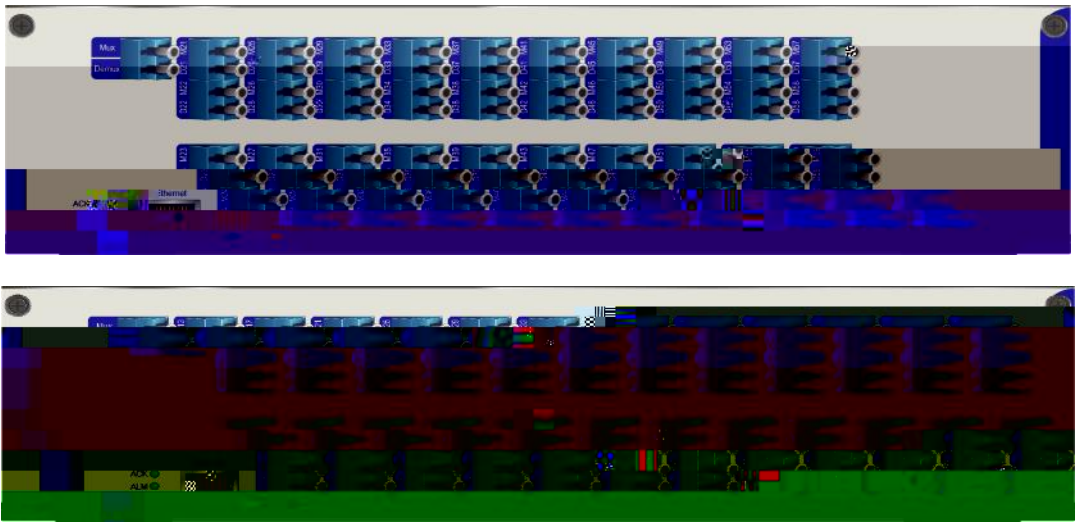




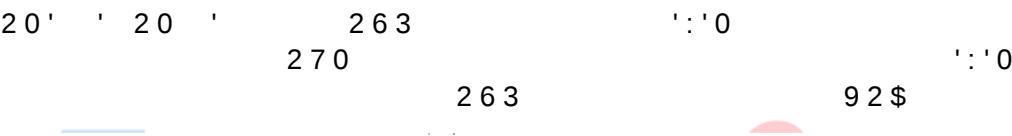
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40 OM / OD

OM40D-C21 OD40M-C21 OSP  DWDM 40



40 /48 OMD



40/48

VOA 22dB

DWDM

C13 ~ C60		
VMUX	≤ 7.8dB	0dB
DEMUX	≤ 6.8dB	
Ripple	≤ 0.75 dB	0dB
	≤ 1.2dB	
VOA	0 ~ 22 dB	
	1	
	10W	
	LC/UPC	



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OMD8_RB

OMD8D_RB OSP DWDM 8
OTM / 8 DWDM
2 6 3 2 6 3 : ' 0





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OAD

OAD

OSP



