

100G DWDM 7+1CH MUX Module

P/N:DWDM-07MXC31/C37+1293PSS0910-44

1. Features

- Low insertion loss, low PDL
- High Isolation
- Working Wavelength Width
- Wide operating temperature
- High reliability and stability
- Wavelength, interface requirements are optional



2. Applications

- CT 5G
- MAN
- Data Center

3. Compliance

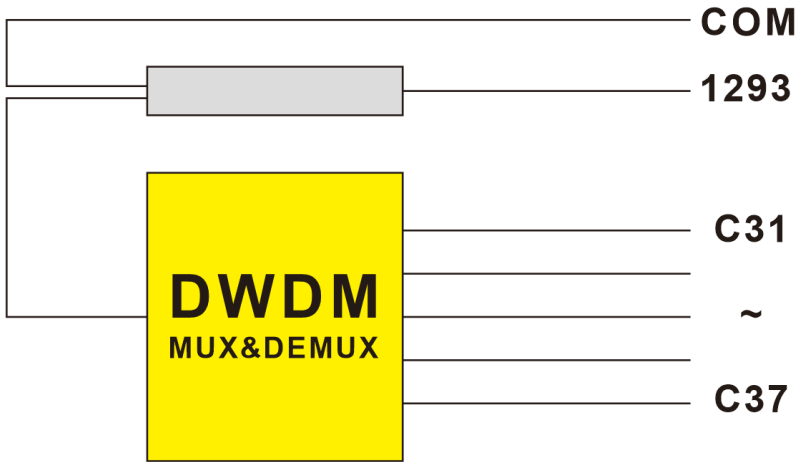
- Telcordia GR-1209-CORE
- Telcordia GR-1221-CORE
- ITU-T G.694.1
- ROHS



4. Specifications

Performance specifications		Unit	Value
Channels		CH	7+1
Operating wavelength		nm	C31~C37 & 1290±6.5
Channel spacing		Ghz	100G
Transmission band		nm	ITU±0.11
1293 Insertion loss			≤1.0
DWDM Insertion loss		dB	≤2.8
Isolation	Transmission Adjacent	dB	≥28
	Transmission Non-adjacent isolation	dB	≥40
Ripple		dB	≤0.5
Directivity		dB	≥50
Return loss		dB	≥45
Polarization dependent loss		dB	<0.2
Polarization Mode dispersion		ps	<0.1
Operating temperature		°C	-5 ~ 75
Storage temperature		°C	-40 ~ 85
Max optical Power		mW	300
Package Size (Lxhxd)		mm	80*60*12
Fiber length		m	1.0
Fiber type		/	0.9mm loose tubo of G657A1
Connector		/	SC/APC

5. Structure Diagram



6. Mechanical Dimensions

