

Low-Cost 10Gbps AMCC Tunable DWDM SFP+

extended SFP+



24.16mm

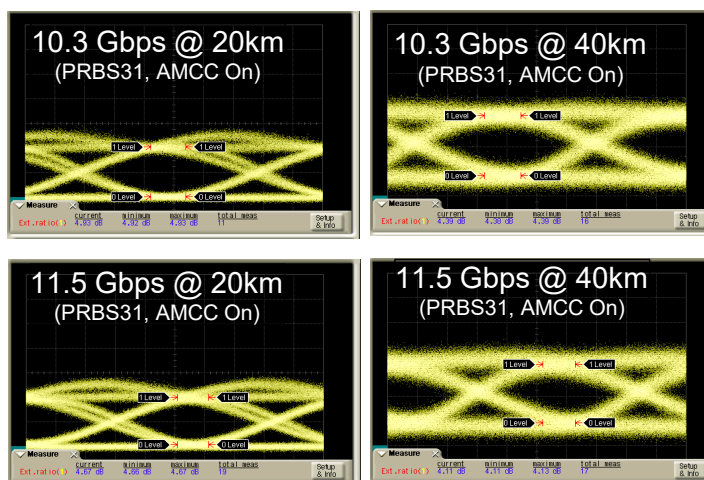


Features

- SFP+ duplex
- λ -tunable range over 35nm in C-band
- λ -locking accuracy within ± 25 pm
- 10 Gbps over 40km
- AMCC (Auxiliary Maintenance & Control Channel) based on 500kHz pilot tone
 - Remote automatic λ setup
 - Remote control
 - Remote status monitoring
 - Remote message exchange

Applications

- 10Gbps Ethernet
- 4G/5G LTE fronthaul



Items	Unit	Min	Typ	Max	Remark
Tuning range (C-band)	nm		35		100GHz, 40ch DWDM
DWDM channel distance	nm		0.8		In C-band
Data rate	Gbps	1		11	Multi-rate (1Gbps~11Gbps)
Tx power	dBm	0		5	Power Flatness ≤ 3 dB
Rx sensitivity	dBm			-20	$2^{31}-1$, BER 10^{-12} , 20km, with AMCC
Wavelength accuracy	pm	-25		+25	EOL
SMSR	dB		45		OSA res. 20pm
Power supply voltage	V	3.2		3.5	
Power consumption	W			2.0	@ 85 °C case (2.5 W @ -40 °C)
Operating case temp.	°C	-40		85	Min @ T_{A} , Max @ T_{case}



MEL Telecom. Inc. (<http://www.meltelecom.com>)



〒141-0031 東京都品川区西五反田 2-26-9 五輪プラザビル 4F
Tel:03-5436-9361 Fax:03-5436-9364 E-mail:sun@sun-ins.com

www.sun-ins.com