

OCM (Optical Channel Monitoring Card)

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Details

The optical channel monitoring card (OCM) launched by D Tech Trading is mainly used to analyze the performance of the MUX signal spectrum, channel optical power, wavelength and other transmission signals in the wavelength range of 1528nm~1567nm of DWDM system. It has the characteristics of high stability, high sensitivity, accuracy, high dynamic range and short scanning time. It is an indispensable and important part of optical performance monitoring in DWDM system.

Application case:

Suitable for end-to-end monitoring of optical performance

Product Specification;

Specification	Value
Function	It supports the testing of central wavelength, optical power, and other parameters of each channel in the MUX optical signal
Slot number	1 slot
Port	Provides 8 test interfaces (selected by optical switch) which can be connected to 8-core MUX optical signal test
Working wavelength range	1528.57 nm ~ 1567.34 nm (191.27 THz ~ 196.15 THz)
Channel spacing	50/100 GHz, supports Flexible Grid
Center wavelength detection accuracy	±0.1 nm
Central wavelength resolution	0.02 nm
Channel power monitoring range	-40 dBm ~ -10 dBm
Absolute power accuracy	±1 dB
Relative power accuracy	±0.8 dB

Specification	Value
Optical power resolution	0.1 dB
Return loss	?40 dB
Scanning time	?1 s
Scanning times	>(10)^9

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