Simplify your DWDM/CWDM Network testing...

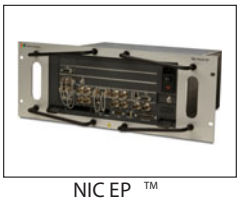
NIC Optical Spectrum Analyzer (OSA) Module

DWDM/CWDM Testing Solution for Wavelength, Power Level and OSNR

PLATFORMS

NIC *

NIC Plus *



NIC EP ™

KEY FEATURE S

- Monitor and test all channels in C-Band or L-Band
- Measures signal level, wavelength and signal-to-noise ratio
- Solid-state system; No calibration required
- Real-time scan of C or L bands
- Auto-scan for quick OSA results
- NIC is now an all-in-one solution for optical and transport-layer testing
- Current NIC products may be upgraded to include optical-layer testing
- Has all the benefits of being part of the NIC family, including three-year warranty, free 24-hour technical support and multi-user remote GUI

APPLICATIONS

- Metro and long-haul DWDM network test and turn-up
- Research and development
- Manufacturing test
- DWDM/CWDM Network Maintenance
- Troubleshooting

SPECIFICATIONS

Wavelength Range	C-band 1528.77 to 1562.23nm L-band 1568.77 to 1604.03nm
Channel Number	C-band 85 L-band 85
Min. Channel Spacing	50 GHz
Wavelength Accuracy	+/-60 pm
Dynamic Range	60 dB
Max. Input All channels	23 dBm
Channel Input Power Range	-39 to -10 dBm
Channel Power Repeatability	+/-0.1 dB
Channel Power Accuracy	+/-1.0 dB
Polarization Dependence Loss	<0.3 dB
Power Resolution	0.1 dB
Noise Floor	-60 dBm
Peak to Valley	25 dB
OSNR	10-25 dB
OSNR Accuracy	+/-1.5 dB
Response Time	2-3 seconds
Maximum Input Power	-10 dBm
Optical Connectors	SC (standard), ST, or FC (optional)
Slot Width	1

Distributor:

MCS Test Equipment Ltd
Unit 5-6 Station Yard,
Llanrwst,Conwy,
North Wales,
LL26 0EH

Tel: 08453 62 63 65
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* Drawings not to scale. Specifications are subject to change without notice.

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