

ChallengerOptics

CO-OSA-8100C

DWDM Optical Spectrum / Channel Analyzer



FAST: 10 sec. bootup / .5 second update

ACCURATE: 88/50 Channels / 44/100 GHz

HANDHELD: Light weight, long battery life

features:

- For DWDM networks
- Up To 88 Channels, 50 or 100 GHz spacing
- Real Time with less than .5 second Update
- Bar Graph and Table Displays
- Auto Test Zooms in on Active Channels
- Rugged Case w/Impact Resistant Boot
- Solid State Optics-No Moving Parts
- 4" Touch Color Display
- 4 hr Battery Life
- Stores 1000 tests
- USB/PC Port

specifications :

| | |
|--------------------------------|---|
| Channel Frequency | C-Band 1530.40 -1565.10nm (195.90THz - 191.55THz) |
| Channel Spacing | 50GHz, 100GHz |
| Measurement Power Range | +10dBm to -50dBm |
| Measurement Accuracy | ±1 dB |
| Max Composite Power | +28 dBm |
| PDL | ±0.15dB |
| Optical Rejection Ratio | 40dBc (@50GHz) |
| Measurement Speed | Less than .5 second |
| Power Resolution | 0.01dB |
| Return Loss | >40dB |
| Optical Connector | Universal UPC (FC/SC) |
| Display | 4 in. touch color TFT, bar graph and table view |
| Dimensions / Weight | 7.62" L x 3.88" W x 1.56" H(194mm L x 99mm W x 40mm H), 1.6 lbs |
| Battery / Power | Rechargeable NiMH - 4 hours operating time |
| Operating Temperature | -10°C to 50°C |

ordering information

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|---------------------|---|
| CO-OSA-8100C | C-Band 1530.40 -1565.10nm, Rechargeable NiMH, Charger, Case |
| Hard Case | Pelican hard case, waterproof in black |

www.ChallengerOptics.com

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