ChallengerOptics

CO-OPM-C

Optical Power Meter - DWDM C-Band



19/09/01 12:00 PM OF OFF BH OFF Manual TOTAL⁽¹⁵⁾ Channel ---- Thz ---- nm - 3.75 dBm

	:00	12:	85%	9/01	19/0
			:01:52	131 11:	190
	6	- 0.36		L15	TOT/
		Low	27.99	152	62
	6	+ 0.66	28.77	152	61
		Low	29.55	152	60
		Low	30.33	153	59
		Low	31.12	153	58
		Low	31.90	153	57
		Low	32.68	153	56
		Low	33.47	153	55
,	V		1//		

stal15 62	31 11:	UTI DE	- 0.36	
62	LON	and the second second	+ 0.66	
60	LON			
60987565543216998 555555555555448	Low			
57	LON			
55	Low			
53	LOW			
52	LON			
50	Low			
49	LOW			

NEW TOTAL POWER FEATURE: For accurate power measurement in PON and legacy 1310nm networks

The SCAN button shows ALL measured selected wavelengths and Total Power.

Scan

The GRAPH button shows the graphical display

100GHZ DWDM POWER METER: *C-Band, ITU CHs* 14-62 (1527.99nm - 1566.31nm)

SINGLE BUTTON MEASUREMENT: Signal power on each individual Wavelength

HANDHELD: Light weight, long battery life

features:

- DWDM, 100/200 GHz measurement solution
- Total Combined Power Measurement
- Quick power measurement on all selected wavelengths/channels
- Compact size, one button operation
- Removable / Replaceable battery / Low power consumption
- Color LCD for graph display
- Save and recall 300 measurements
- Software provided for data management
- Auto power-off

specifications :

Channels	C-Band, ITU CHs 14 to 62
Frequency / Wavelength	196.2 ~ 191.4 THz (1527.99~1566.31 nm)
Channel Spacing	100 and 200 GHz
Measurement Speed	2 sec (all channels)
Measurement Range	+10 dBm ~ -42 dBm
Measurement Accuracy	±1.0 @ -40 dBm
Power Resolution	0.01 dB
Optical Connector	SC / APC
Display Unit	dB, dBm, nm, THz, ITU ch
Display	3.5 in (89 mm) TFT-LCD, 16 bit Color
Battery / Power	Rechargeable Lithium-Polymer — 10 hr
Operating Temperature	$-4^{\circ} \sim +130^{\circ} F$ (-20° ~ +55° C)
Weight	33 oz (935 g)
Dimensions h / w / d	8.75 x 4.25 x 2.5 in (222 x 108 x 63 mm) w/ boot

Order Information:

CO-OPM-C CO-CASE-14 DWDM C-Band Power Meter, ITU CHs 14 to 62, 1527.99 -1566.31 nm Protective hard case