

C30 Plus DVB-C & Optical Power Meter

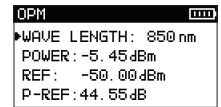
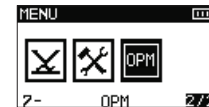
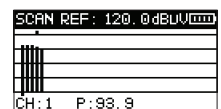
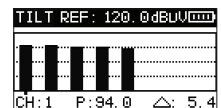
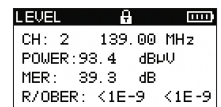
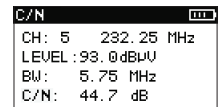
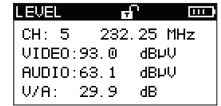
Key Benefits

- Analog TV analysis: Level, Tilt, C/N, Scan, and Trunk Voltage
- Digital TV analysis: Power Level, MER, and BER
- High-accuracy optical power meter offering 7 wavelengths and reference values
- 128x64 backlit LCD for various lighting conditions
- Long-lasting lithium battery provides over 4 hours of operation
- Upgrade software and edit channel plans via USB

Overview

The C30 Plus DVB-C & Optical Power Meter is specially designed for installing, maintaining, and verifying digital and analog cable service. This high-accuracy optical power meter offers 7 wavelengths and reference values. With its streamlined, lightweight design and user-friendly interface, the C30 Plus offers the modern field technician optimum cost-performance for numerous applications.

The C30 Plus supports cable TV analysis, with digital measurements such as Power Level, MER, and BER. It also functions as a signal level meter for CATV applications, featuring channel video level, video-to-audio level, C/N, full scan, tilt, and other modes.



Specifications

Analog CATV	
Frequency Range	5 ~ 1010MHz
Level	30 ~ 120dBμV
Accuracy	± 2.0dB
RBW	300kHz
C/N	> 50dB
C/N Accuracy	± 3.0dB
Other Measurements	Channel Scan, Tilt, Trunk Voltage
DVB-C	
Frequency Range	5 ~ 1010MHz
Power Level	40 ~ 110dBμV
Power Level Accuracy	± 2.0dB
MER	> 40dB
MER Accuracy	± 2.0dB
BER	1E-3 ~ 1E-9
Modulation Type	J.83 Ax. A/C 16 / 32 / 64 / 128 / 256 QAM J.83 Ax. B 64 / 256 QAM
Symbol Rate	1.0 ~ 7.0 MS/s

Optical Power Meter	
Optical Detector	InGaAs Φ2000μm
Accuracy	± 0.17dB (± 3%)
Input Range	-50 ~ +27dBm
Linearity	0.07dBm to +10dB
Resolution	0.01 dBm, mW, μW, nW
Wavelengths	850, 980, 1300, 1310, 1490, 1550, 1610nm
Connector	FC / SC / ST (adjustable)
General	
RF Input	75 Ω Type-F(f)
Optical Input	FC / SC / ST (adjustable)
Interface	Mini-USB
AC Adapter	12V / 1.2A
Battery	7.4V / 1.6Ah
Charging Time	~3 hrs
Operation Time	> 4 hrs
Dimensions (LxWxH)	6.0" x 3.7" x 1.7" (153mm x 93mm x 42mm)
Weight	~12.6oz (358g)

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