

OLT-20



The Harris® OLT-20 is a multifunctional testing instrument for fiber optic networks, and is designed to handle installation, routine inspection and daily maintenance of MAN, WAN and CATV systems.

The OLT-20 integrates a laser source module and power meter module in one set, conveniently offering power testing and link loss testing. By efficiently performing multiple functions, the OLT-20 helps avoid file mistakes caused by mismatched laser source and power meter.

Features

- Multi-wavelength measurement
- Direct loss measurement units in dB
- Link loss testing
- Absolute power measurement units in dBm or uW
- Modulation in CW and modulated frequencies
- Optional 270/1K/2K Hz modulated frequencies
- Dual-wavelength output in single optic
- Dual-way powering system including a 9V battery and optional AC adapter
- Low-power indicator
- Auto-off function
- CE, FCC, FDA certificates

Specifications

Wavelength (± 20 nm)	1310/1550
Output Power (dBm)	≥ -7
Spectral Width (nm)	≤ 5
Emitter Type	FP-LD
Stability	± 0.05 dB/15min: ± 0.10 dB/8hr@1310/1550nm
Modulation Frequencies	270Hz, 1KHz, 2KHz optional
Connector Type	\geq FC/PC (interchangeable SC, ST)
Optical Power Meter Module	
Detector Type	InGaAs
Measurement Range (dBm) ¹	-70 ~ +10
Accuracy (25°C and -10 dBm)	± 0.25
Resolution (dB)	≥ 0.01
Calibrated Wavelength (nm)	850, 1300, 1310, 1490, 1550, 1625

Ordering Options

Note: Other calibrated wavelengths can also be ordered. ¹Lower limit range for 850 nm is -60 dBm.

Model Number	Description
AC-PB-10	Compact carrying softbag for VLS-20A, SLS-21A, OLT-20A and OPM-15B
AC-PB-20	Compact carrying softbag for PALMOTDR-S20 (A&C)
AC-FJC-03-FC/FC	3 meter optical patch cord for all OPTO TEST instruments
AC-ADPT-10-US	AC adapter, 100-240 volts, with US power plug for SLS-21A, VLS-21A, OLT-20A and OPM-15B
AC-ADPT-10-EU	AC adapter, 100-240 volts, with EURO power plug for SLS-21A, VLS-21A, OLT-20A and OPM-15B
AC-ADPT-10-AU	AC adapter, 100-240 volts, with Australian power plug for SLS-21A, VLS-21A, OLT-20A and OPM-15B
AC-ADPT-10-UK	AC adapter, 100-240 volts, with United Kingdom power plug for SLS-21A, VLS-21A, OLT-20A and OPM-15B
AC-ADPT-20-EU	AC adapter, 100-240 volts, with EURO power plug for PALMOTDR-S20 and OTM-20A
AC-ADPT-20-AU	AC adapter, 100-240 volts, with Australian power plug for PALMOTDR-S20 and OTM-20A
AC-ADPT-20-UK	AC adapter, 100-240 volts, with United Kingdom power plug for PALMOTDR-S20 and OTM-20A
AC-CON-SC-L	SC connector for laser source of VLS-20A, PALMOTDR-S20A, SLS-21A, OLT-20A and OTM-20A
AC-CON-ST-L	ST connector for laser source of VLS-20A, PALMOTDR-S20A, SLS-21A, OLT-20A and OTM-20A
AC-FSS-C	Ceramic core for laser source of VLS-20A, PALMOTDR-S20A, SLS-21A, OLT-20A and OTM-20A
AC-CON-SC-P-300	SC connector for power meter of OPM-15B, OLT-20A and OTM-20A
AC-CON-SC-T-300	ST connector for power meter of OPM-15B, OLT-20A and OTM-20A

Note: All specifications listed are subject to change without notice.