EXFO

EXFO Next-gen PON Power Meter

Intelligent PON Power Meter with PON-aware™ capability

Features

- Unique PON-aware™ capability automatically detects PON technology in use
- Compatible with GPON and EPON networks
- Supports 10G-capable PON networks
- Pass-through mode for ONT/ONU verification
- Bluetooth® and USB connectivity
- Smart app to store and share test results, create test reports
- Compact, rugged and designed to comply with the IP54 enclosure standard
- Rechargeable battery lasts for up to 8 hours of continuous use

Application

To provide the right speeds to the right customers, communications service providers (CSPs) are deploying next-gen and legacy passive optical network (PON) technologies by overlaying multiple new wavelengths on existing fibers. This brings new challenges for quick and accurate testing during the critical service activation phase: CSPs need power meters capable of testing next-gen and legacy PON technologies, and their field teams need to be sure they are correctly testing the right technology.

The PPM-350D was designed to tackle both challenges head-on with its unique PON-aware™ technology. Developed in partnership with a Tier 1 CSP, the PPM-350D PON Power Meter automatically detects and adapts test parameters for the PON technology in use at the customer premises, eliminating costly guesswork by field technicians. As a result, service providers can deploy faster, cut activation costs and boost customer satisfaction.

Product Information

Technical Information

Product Color	Blue
Temperature, Operation [°C]	0 °C to 50 °C
Temperature, Storage [°C]	–40 °C to 70 °C
IP Rating	IP54
Ordering Information	The PPM-350D series of PON power meters is available in Single with RF, Dual and Dual with RF options. The units can also be optioned with a VFL and come with a range of connector options.

Technical Details

	UPSTREAM (nm)	DOWNSTREAM (nm)	PPM-350D-SR	PPM-350D-D	PPM-350D-DR
GPON (ITU-T G984.2)	1310	1490	•	•	•
1G EPON (IEEE 802.3)	1310	1490	•	•	•
XG/XGS-PON (ITU-T G987.2)	1270	1578		•	•
TWDM NG-PON2 (ITU-T G989.2)	1524 to 1544	1596 to 1603		•	•
10G EPON (IEEE 802.3)	1270	1577		•	•
RF video overlay		1550	•		•
RFoG (ANSI/SCTE 174 2010)	1310 or 1610	1550	•		•

Articles 6

Article name	Layout
EXFO PON Power Meter, Single Layer and RF, SC/APC EX-PPM-350D-SR-EA-EUI-91	–
EXFO PON Power Meter, Single Layer and RF, VFL, SC/APC EX-PPM-350D-SR-VFL-EA-EUI-91	andLayer and-VFLer and RF, VFL, SCLayer and
EXFO PON Power Meter, Dual Layer, SC/APC EX-PPM-350D-D-EA-EUI-91	MeterDual L-Layer, SCDual L
EXFO PON Power Meter, Dual Layer, VFL, SC/APC EX-PPM-350D-D-VFL-EA-EUI-91	DualL-VFL, VFL, SCL
EXFO PON Power Meter, Dual Layer and RF, SC/APC EX-PPM-350D-DR-EA-EUI-91	LayerL-RF and RF, SCL
EXFO PON Power Meter, Dual Layer and RF, VFL, SC/APC EX-PPM-350D-DR-VFL	–

