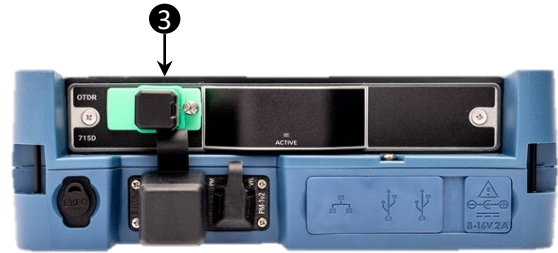# EXFO's D-series OTDRs
Improvements and new features: MAX-715D vs MAX-715B series.

Improved features and benefits

Any user currently owning our MAX-715B series will be delighted to discover that not only the new MAX-715D will match specifications and features of its predecessor, the B-Series, but will also offer enhancements over legacy specifications and functionalities.
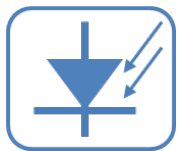
Improved look and feel design.

1 Integrated hooks for hand straps improving portability.

2 Integrated standard kickstand and no longer optional.

3 Single port OTDR/in-line power checker.

Avoid multiple connections, minimize fiber handling with a single port for both the power level assessment and OTDR/iOLM test.

Maintain top optical performance, no downtime.

Worn connectors impact optical performance and may be the source of inaccuracies.

- Replace connectors directly from the field, no need to return the unit to the manufacturer or spend money on repairs.
- Your calibration date remains valid, even after swapping the connector. No need to calibrate your unit sooner than planned.
- A diagnosis of the optical port is provided by the built-in connector health checker, which allows to replace worn connectors in the field, only when necessary.

Standard in-line optical power checker

Versatility

Check if the fiber is dark or the power level of the signal before troubleshooting live or dark networks. Tone detection for fiber routing identification.

Fluid and simple workflows

Perform a power level measurement and then an OTDR test to identify the root cause of the failure, without disconnecting the fiber.
Also, the interface is integrated into the main OTDR/iOLM application.

XGS PON compliant

Work on both construction job requiring 1310/1550 or 1310/1550/1650 tests and FTTx troubleshooting/activation job on live fiber. For FTTx troubleshooting/activation, in-line PON power meter is offered as an option and is capable of testing XGS PON downstream wavelengths.

3-Year warranty
EXFO's proven ruggedness and reliability is now backed by a 3-year warranty on the D-Series.

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New features

	D-series	MaxTester 715B
Swap-Out connectors	Standard Field swappable	Not available Service required for connector change
Power measurement	Standard in-line power checker	Optional
Stand support	Standard Integrated into the instrument body	Optional Added on the back
Hand strap hooks	Standard Integrated into the instrument body	None

Specifications

Refer to official product spec sheets on www.exfo.com for test conditions and specifications parameters.

	D-series	MaxTester 715B
Wavelength (nm)	1310 ± 30/1550 ± 30/1650 ± 15	1310 ± 30/1550 ± 30/1625 ± 10
Live wavelength (nm)	One port for dark and live testing 1650 nm Isolation: 50 dB from 1265 nm to 1617 nm Live Testing at 1650nm is compliant with new PON technologies including XGS PON.	Separate SM live port with built-in filter 1625 nm: high pass >1595 nm Isolation >50 dB from 1270 nm to 1585 nm
Dynamic range (dB)	32/30/30	30/28/28
Event dead zone (m) At –55 dB with shortest pulse	Down to 0.9	Down to 1
Attenuation dead zone (m) At –55 dB with shortest pulse	Down to 3.6	Down to 4
Distance range (km)	0.1 to 200	0.1 to 160
Pulse width (ns)	3 to 20 000	5 to 20 000
Warranty	3 years	1 Year

Disclaimer: This document does not guarantee any specifications and is provided solely for comparisons basis. In case of discrepancies between this document and the official product spec sheet, the spec sheet information available on www.exfo.com shall prevail.

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Opternus · Specifications and descriptions are subject to change without prior notice. · 2023 - 07