

CT440/CTP10 selection guide

Smarter
network
in sight

The CT440 and CTP10 are two complementary solutions for swept characterization of passive components. Both instruments rely on EXFO's sweeping tunable lasers and can operate in the 1240 - 1680 nm range.



There are, however, some key differences in performance and features to consider:

	CT440	CT440-PDL	CTP10
Wavelength range	1240 - 1680 nm	1260 -1360 (O) or 1440 - 1640 (SCL)	1240 - 1680 nm
Full band support	Yes, up to 4 TLS inputs	No	With FBC module
Insertion loss (IL)	Yes	Yes	Yes
Return loss (RL)	Need external 1x2 coupler	Need external 1x2 coupler	With IL RL OPM2 module
Polarization dependent loss (PDL)	Yes	Yes	With IL PDL module
Dynamic range for IL	65 dB	65 dB	>70 dB
Power sampling resolution	0.02 dB	0.02 dB	0.0001 dB (0.1 mdB)
Number of detectors	Up to 4	Up to 4	Up to 50 (100+ with daisy-chaining)
Voltage measurement	1 BNC	1 BNC	No
Current measurement	No	No	With PCM module
Supported sweep speeds	100 nm/s	100 nm/s	200 nm/s
Operation	External PC required	External PC required	Internal CPU and display required