QX70

All-in-1 All Fiber OTDR
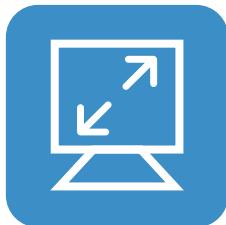
**Large Screen**
7 inch GUI

Dead Zone
0.5m

High Dynamic
Range Up to 42dB
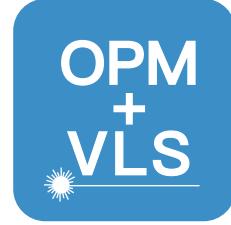
Built–in
OPM & VLS
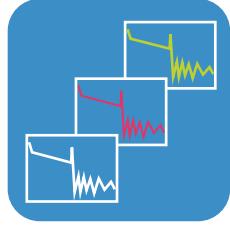
ALL–in–1
850~1625nm

Specifications

Model	QX70-S	QX70-P	QX70-MS
Wavelength Dynamic Range	1310/1550nm 32/30dB	1310/1550/1625nm 32/30/28dB	850/1300+1310/1550nm 24/28dB 32/30dB
Event dead zone(m)	0.5		
Attenuation dead zone(m)	3		
Ranging accuracy	±(0.75 + sample interval + 0.0025% × range)(excluding the refractivity placement error) (m)		
Ranging resolution	0.05, 0.1, 0.2, 0.5, 1, 2, 4, 8, 16 and 32m		
Test range	0.4, 0.8, 1.6, 3.2, 6.4, 16, 32, 64, 128, 256 and 512km (mono-mode); 0.4, 0.8, 1.6, 3.2, 6.4, 16 and 32km (850nm multi-mode)		
Testing PW	3, 5, 10, 30, 80, 160, 320, 640, 1280, 5120, 10240 and 20480ns 3, 5, 10, 30, 80, 160, 320, 640 and 1280ns(850nm multi-mode)		
Maximum number of sampling points	256k		
Loss resolution	0.001dB		
Refractivity setting range	1.00000 ~ 1.99999(step: 0.00001)		
Range unit	km, m, thousand feet, feet		
Display	800×480, 7-inch TFT color LCD (a capacitive touch screen in the standard configuration, and a resistive touch screen optional)		
Optical output interface	FC/UPC (standard configuration, with LC/UPC, SC/UPC and ST/UPC optional)		
Interface language	Simplified Chinese, English, Russian and Korean available (contact the office for other language support)		
External interfaces	USB, Micro-USB, 10M/100M Ethernet, earphone and Micro SD		
Power supply	AC/DC adapter: AC100V~240V, 50/60Hz and 1.5A DC: 17V±3V(2A) Internal Li battery: 11.1V, 6800mAh, battery operating time: 8h		
Built-in Power Meter	-70~+10dBm		
Built-in Visual Fault Locator	650nm / 10mW		
Weight/Dimensions	About 1.8kg / 52mm(W)×180mm (H)×55mm (D)		
Environmental adaptability	Operating temperature: -10℃~+50℃ (battery charging: 5℃~40℃) Storage temperature: -40℃~+70℃ (battery: -20℃~60℃) RH: 5% ~95%, no condensation		

Product Configuration