

## DATA SHEET ▶ OTDR DX900 GPON / DUAL MM SM / BASIC SM / BASIC MM DX800 BASIC SM / BASIC MM

M/DX900 M/DX800

**PREMIUM**

MODEL	OTDR											
	DX800 BASIC SM		DX800 BASIC MM		DX900 BASIC SM		DX900 BASIC MM		DX900 DUAL MM SM		DX900 GPON	
WAVELENGTH	1310NM	1550NM	850NM	1300NM	1310NM	1550NM	850NM	1300NM	850/1300/1310/1550/NM		1310/1550/1625 NM	
DYNAMIK RANGE	35/33 dB	42/40 dB	26dB	28dB	35/33 dB	42/40 dB	26dB	28dB	26/28/35/33dB		37/35/35dB 42/40/40dB	
EVENT BLIND ZONE / ATT	MM SM -> 1M		MM SM -> 1M		MM SM -> 1M		MM SM -> 1M		MM SM -> 1M		MM SM -> 0.8M	
EVENT BLIND ZONE / ATT	MM SM -> 6M		MM SM -> 6M		MM SM -> 6M		MM SM -> 6M		MM SM -> 6M		MM SM -> 6M	
TEST RANGE	500M - 128KM		500M - 16KM		500M - 128KM		500M - 16KM		500M - 128KM		500M - 160KM SPLITTER 1*8/16	
PULSE WIDTH	3 / 5 / 10 / 20 / 30 / 50 / 80 / 100 / 200 / 300 / 500 / 800 / 1000 / 3000 / 5000 / 8000 / 10000 / 20000 NS											
RANGING / ACCURACY	± ( 0.75m+ Sample Interval +0.005%*Test Distance )											
REFLECTION ACCURACY	± 3dB LASER SAFETY LEVEL CLASS III						LOSS ACCURACY		±0.05dB/dB LOSS ANALYSIS			
SAMPLE POINTS	16K - 156K SAMPLE RESOLUTION 0.05M - 16M REFRESH RATE 3HZ [TYPE]						STORAGE		INTERNAL 10M EXTERNAL 4G BIT			
POWER SUPPLY	AC/DC Input: 100V ~ 240V - 50/60 HZ 0.6 A Output: 19V 1.5A						BATTERY		LITHIUM 7.4V 5000mAh			
DISPLAY	7 Inch Color LCD TOUCH SCREEN						CONNECTOR		FC/SC-ST			
FILE FORMAT	.SOR STANDARD FILE FORMAT DATA INTEFACE						HUMIDITY		HUMIDITY 0.95% NON CONDENSING			
TEMPERATURE	-10°C+50°C STORAGE -40°C+70°C											

MODULES			
	OPM	LS	VFL
WAVELENTGH	800nm~1700nm	CONSISTENT WITH OTDR OUTPUT WAVELENTGH	WAVELENTGH 650nm± 20nm
TEST SCOPE	-50dBm~+26dBm UNCERTAINTY	OUTPUT POWER ≥ -5dBm	OUTPUT POWER ≥ 2mW CLASS III
C WAVELENTGH	850/980/1300/1310/1490/1550/1625/1650	STABILITY CW ±0.5b TEST AFTER 15M OF PREHEATING	MODE CW/1Hz/2Hz
CONNECTOR	FC/SC-ST	EVENT MAP   OLT LS - OPM MEASURE CONDITIONS START POINT, SPLICE POINT - POSITIVE SPLICE LOSS NEGATIVE SPLICE LOSS CONNECTOR (RETURN LOSS) END POINT	CONNECTOR 2.5MM FERRULE

OTDR / OPM / VFL / LS / EVENT MAP / FIBER END DETECTION  
FIBER ACTIVE & CONNECTOR INSPECTION



MATERIAL GOMA

