



DATA SHEET ▶ OTDR DX500

M/DX500FA M/DX500BSM M/DX500BMM

MODEL	DX500 SM	DX500 MM	DX500 P1	DX500 P2
WAVELENGHT	1310/1550NM	850/1300NM	1625NM	1650NM
DYNAMIK RANGE	28/26 dB	20/22 dB	26 dB	26 dB
FIBER ACTIVE	NO	NO	YES	YES
EVENT BLIND ZONE	1.2 M	1.5 M	1.2 M	1.5 M
ATT BLIND ZONE	5 M	6 M	5 M	6 M
TEST RANGE	500m / 1km / 2km / 4km / 8 km / 16 km / 32 km / 64 km AUTO, REAL, AV - TEST			
PULSE WIDTH	3ns / 5ns / 10ns / 30ns / 50ns / 80ns / 100ns / 160ns / 320ns / 500ns / 800ns / 1us / 2us / 3us / 5us / 8us / 10us / 20us			
RANGING / ACCURACY	± (1m+ Sample Interval +0.005%*Test Distance)			
REFLECTION ACCURACY	3 dB LASER SAFETY LEVEL II		LOSS ACCURACY	± 0.05dB/dB
SAMPLE POINTS	16K ~>256 K		STORAGE	INT 680 EXT 8GBITS
POWER SUPPLY	AC/DC ADAPTER: INPUT 100V~240V 50/60 HZ, 0.6A OUTPUT 5V 2A		BATTERY	LITHIUM 3.7V 4000mAh
DISPLAY	4.3 INCH 800X480 LCD COLOR + TOUCH SCREEN		CONNECTOR	SC/FC/ST
FILE FORMAT	SOR STANDARD FILE FORMAT DATA TRANSFER TF CARD		WEIGHT	≤ 1.2kg
TEMPERATURE	-10°C ~ +50°C		HUMIDITY	0~95% NON CONDENSING



SCREEN
TOUCH SCREEN

RECHARGEABLE

PREMIUM

OPM		LS		VFL	
WAVELENTGH	800nm~1700nm	CONSISTENT WITH OTDR OUTPUT WAVELENTGH		WAVELENTGH	650nm±20nm
TEST SCOPE	-50dBm~+26dBm UNCERTAINTY±5%	OUTPUT POWER ≥ -5dBm		OUTPUT POWER	≥ 10mW CLASS II
C WAVELENTGH	850/980/1300/1310/1490/1550/1625/1650	STABILITY CW 0.5dB/15min		MODE	CW/1HZ/2HZ
CONNECTOR	SC/FC/ST			CONNECTOR	2.5MM FERRULE

RJ45 CABLE TRACKER		EVENT MAP OLT LS - OPM	
WAVELENTGH	650NM±20NM	MEASURE CONDITIONS	
OUTPUT POWER	≥ 10mW CLASS II	START POINT SLICE POINT POSITIVE SPLICE LOSS, NEGATIVE SPLICE LOSS	
MODE	CW/1HZ/2HZ	CONNECTOR (RETURN LOSS) END POINT	



TRANSMISSION SYSTEM INTELLIGENTLY
RJ45 LENGTH AND SEQUENCE MEASURMENT
SOFTWARE (SOR) STANDARD FILE FORMAT
{IEC STANDARD RESISTENT}



EQUIPMENT SYSTEM USED BY TELECOMMUNICATIONS SERVICE OPERATORS
TO MONITOR, EMERGENCY REPAIR TEST, LINE MAINTENANCE, CONTROL AND
OPTIMIZE THE PERFORMANCE OF THE TRANSMISSION SYSTEM AND CATV.

BATTERY
RECHARGEABLE