

Hard Case Protected Multi-fiber OTDR Launch Boxes (Up to 12 Fibers)

OTDR Launch Boxes are used with Optical Time Domain Reflectometers (OTDRs) to help minimize the effects of the OTDRs launch pulse on measurement uncertainty. In order to obtain an accurate, complete picture of the system's loss—which is a critical aspect of fiber commissioning—a launch test cable should always be used at both ends of the fiber link. OTDR launch boxes are called in the market such as dead zone box, pulse suppressor, fiber ring, fiber optic launch cable, etc.

Applications

- SM and MM network's measurements
- Simulation of loss, length, delayed time and system's reflectance
- Conform to IEC, EIA-TIA and Telecordia performance requirements
- Use as a launch and receive (tail) lead at each end of the fiber under test in order to comply with optical link testing standards ISO/IEC 14763-32006
- Equipment Calibration

Key Features

- Available up to 12 fibers
- Hard Case Plastic Box , IP67 Dust-proof and Waterproof
- Each coil cord is tagged with length identification
- A wide variety of connector types can be applied
- Available with different fiber types
- Prevents fiber damage and stress during use or transportation
- Test result tracking via bar-code scanning



Protective Case



Up to 12 Fiber Coils



QR Code for Test Reports



Ordering Codes

Fiber Count x Coil Length	12x300m	12x500m
Single Mode 2D	Available on request	HCMLB/THR-500-SM(2D)-12*XX/XX_2M
Single Mode A1	Available on request	HCMLB/THR-500-SM(A1)-12*XX/XX_2M
Single Mode A2	Available on request	HCMLB/THR-500-SM(A2)-12*XX/XX_2M
Multi-Mode OM2	HCMLB/THR-300-MM(M2)-12*XX/XX_2M	HCMLB/THR-500-MM(M2)-12*XX/XX_2M
Multi-Mode OM3	HCMLB/THR-300-MM(M3)-12*XX/XX_2M	HCMLB/THR-500-MM(M3)-12*XX/XX_2M
Multi-Mode OM4	HCMLB/THR-300-MM(M4)-12*XX/XX_2M	HCMLB/THR-500-MM(M4)-12*XX/XX_2M

Fiber Count x Coil Length	6x1000m	6x2000m
Single Mode 2D	HCMLB/THR-1000-SM(2D)-6*XX/XX_2M	HCMLB/THR-2000-SM(2D)-6*XX/XX_2M
Single Mode A1	HCMLB/THR-1000-SM(A1)-6*XX/XX_2M	HCMLB/THR-2000-SM(A1)-6*XX/XX_2M
Single Mode A2	HCMLB/THR-1000-SM(A2)-6*XX/XX_2M	HCMLB/THR-2000-SM(A2)-6*XX/XX_2M
Multi-Mode OM2	Available on request	Available on request
Multi-Mode OM3	Available on request	Available on request
Multi-Mode OM4	Available on request	Available on request

SAMPLE CODING:

HCMLB/THR-1000-SM(A2)-6*SC/SA_2M

Hard Case Multifiber Launch Box, Side A:SC/UPC, Side B SC/APC,

6x1000 meters Fiber Coils, Single Mode G657A2, Patchcord Length 2 meters

Specifications

Product Dimensions	258 mm x 243 mm x 118 mm			
Free Length Connectorized Cord Cables	2 meter ± 5 cm , Diameter 1.8mm			
Fiber Coils Length Tolerances	-0 ; +%2			
Case Material	Polypropylene (PP)			
Connector Types (XX/XX)	SC : SC/UPC	SA : SC/APC	LC : LC/UPC	LA : LC/APC
	FC : FC/UPC	FA : FC/APC	E2 : LSH/UPC	EA : LSH/APC
Operating Temperature	0° to +50° C			
Storage Temperature	-40° to +70° C			
Fiber Coil Loss SM (OS1 ; OS2)	<0.35dB/km typical (at 1310 nm)			
Fiber Coil Loss MM (OM1 ; OM2 ; OM3 ; OM4)	<3.50dB/km typical (at 850 nm)			
Connector Loss Parameters (Maximum)	SM IL: <0.30dB ; RL: > 50dB UPC / 60dB APC , MM IL: <0.30dB ; RL: > 30dB UPC			
Fiber Types	Single Mode	ITU-T G.652 D	ITU-T G.657 A1	
		ITU-T G.657 A2		
	Multi-Mode	ITU-T G.651.1 OM1	ITU-T G.651.1 OM2	
	Multi-Mode	ITU-T G.651.1 OM3	ITU-T G.651.1 OM4	