

LBR Series

OTDR Launch Ring

CPE/Premise Wiring

FTTx

MDU

Utility/Municipality

Wireless



LBR Series OTDR Launch Rings are required when testing fiber optic cable using an OTDR. When connected to the OTDR, the launch ring will minimize the effects of launch pulse and aid with measurement uncertainty.

KEY PRODUCT BENEFITS

- ▶ Used in OTDR Pulse Suppression and Equipment calibration
- ▶ Small form factor ruggedized case
- ▶ 100% visual, endface geometry and optical performance tested
- ▶ Certification test reports
- ▶ Premium connectors and fibers

INDUSTRY STANDARDS

- ▶ Meets GR-326 requirements



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LBR Series

SPECIFICATIONS

Optical Performance Property			
Fiber Code	K	C	R
Common Name	MM62.5	MM50	Singlemode
Specification	ISO OM1	ISO OM2	ITU-T G.652.D
Core/Cladding (um)	62.5/125	50/125	8.2/125
Numerical Aperture	0.275	0.20	0.14
Optical Performance at Frequencies (nm)	850 / 1300	850 / 1300	1310 / 1550
Maximum Attenuation (dB/km)	2.9 / 0.6	2.3 / 0.6	0.35 / 0.20
Index of Refraction	1.496 / 1.491	1.481 / 1.476	1.4676 / 1.4682
Rayleigh Backscatter at 1ns pulse width (dB)	-68 / -76	-68 / -76	-77 / -82
Connector Insertion Loss (dB)	0.35	0.35	0.25
Backreflection (dB)	<-25	<-25	-55UPC/-65APC
Radius of Curvature (mm)	10 - 30		
Apex Offset (um)	<50		
Fiber Height (nm)	-50 to 50		
Dimensions	4.0" x 4.0" x 1.0"		
Packaging	8" x 8" x 4"		
Shipping Weight	3 lbs.		

MODEL NUMBER MATRIX

LBR	X	XX	XX	XXX
	Mode	End 1	End 2	Length
	R = Singlemode	FC = FC	FC = FC	150 = 150m
	K = MM62.5	SC = SC	FA = FC APC	
	C = MM50	ST = ST	LC = LC	
			LA = LC APC	
			MU = MU	
			SC = SC	
			SA = SC APC	
			ST = ST	