



Pulse boxes, also commonly referred to as OTDR Launch Boxes, Delay Lines or “Dummy Fibers” are used to occupy OTDR “Dead Zones” which enable accurate loss measurements on near-end or far-end connections of the fiber under test. Pulse boxes may also be used in an educational setting to simulate networks and during installation and troubleshooting, these boxes are referred to as test boxes. Events such as bends connector parts, mechanical and fusion splices are added to the fiber. Boxes can be singlemode (OS2) or multimode (OM1, OM2, OM3, OM4) with ST, SC, FC & LC connectors using PC, UPC or APC polishes.

## SPECIFICATIONS

Enclosure Style	Box Style #4
Dimensions	14.2" x 11.4" x 6.5"
Weight	4.2lbs without fiber
Temperature Range	-40°C to +70°C
Humidity Range	0 to 95% (non-condensing)
Fiber Leads	2 meters standard or to specifications
Connectors	LC, SC, ST or FC
Polish	PC, UPC or APC
Ferrule Material	Zirconia Ceramic
Connector Insertion Loss	≤0.3dB
Link Reliability	<0.2dB for 500 Insertions (with proper cleaning)
Fiber Length	Up to 5,000 meter, test box, 1 event 2 events - 4,500 meters 3 events - 4,000 meters
Fiber Type	Corning SMF28e+, Telcordia GR-20-CORE
Core/Clad Diameter	9/125um
Attenuation (max)	0.33—0.35 dB/Km @ 1310nm 0.19—0.20 dB/Km @ 1550nm