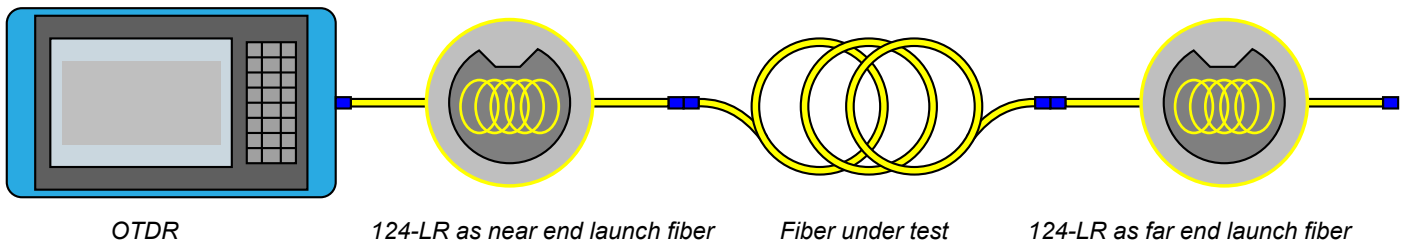


Description

124-LR launch fiber is typically used with OTDR (Optical Time Domain Reflectometer) instead of short patch fiber. The launch fiber spool inside 124-LR is packed in a compact and protective box. The box has magnetic mounting and a hanging hook. Box also protects the patch ends during transportation and storing.

How to use launch fibers

When working with an OTDR, it is important to be able detect faults also near the end of the tested fiber, ie. the quality of the fusion spliced pigtailed and connectors. Launch fibers are needed because an OTDR usually can't properly measure events that are very near the ends of the tested fiber. A typical way of using launch fibers is to connect one to both ends of the tested fiber, to operate as dead zone eliminator or as pulse suppression box. 124-LR can be used for all these purposes.



Features

- Magnetic mounting: Easy to mount e.g. to ODF or stack several rings onto each other
- Steel hanging hook
- Several connector options available for both ends
- Patch ends with steel armoring and strain relief
- Patch ends can be placed in the ring for transportation
- Metal lid with magnetic mounting available as an accessory

Technical specifications

Insertion loss	<0,25dB (SM) / <0,3dB (MM)
Return loss UPC	>50dB
Return loss APC	>65dB
Fiber length (single mode)	standard: 150m / 500m / 1000m
Fiber length (multi mode)	standard: 150m
Fiber types	G.652D, G.657B, OM1, OM2, OM3
Box material	ABS plastic
Operating temperature	-40°C ... +85°C
Dimensions	Diam. 185mm, height 30mm
Typical weight	300g

Order information

124-LR - F - - /

Fiber type
A - Standard single mode (G.652)
C - 50/125µm fiber
D - 62.5/125µm fiber
 G.657 available as factory order

Fiber length (m)
 Single mode: **150, 500, 1000**
 Multi mode: **150**
 Other lengths as factory order

Connector type
SC - SC/UPC
AS - SC/APC (angle polish)
ST - ST/UPC
FC - FC/UPC
AP - FC/APC (angle polish)
LX - LX.5/UPC
LA - LX.5/APC (angle polish)
LC - LC/UPC
AL - LC/APC (angle polish)
E2 - E2000/UPC
EA - E2000/APC
MU - MU
SMA - SMA

Ordering example: 124-LR-AF-0500-FC/AS
 =single mode, length 500m, connectors FC/UPC ja SC/APC

Sales:



Peräsimentie 1
 FI-03100 NUMMELA, FINLAND

Tel. +358 44 200 2005
 info@vesala.fi www.vesala.fi