

Launch Reel – LS Type

TECHNICAL SPECIFICATION



GENERAL

The Launch Reels are used for OTDR measures. They can sometimes be part of a network simulation system as Pulse suppressor or Delay controlled fiber.

Each case can contain up to three bare fiber reels; several types and lengths of fiber are always available on stock.

Factory quick replacement of the broken fiber ends and of the broken connectors.

Optional internal splice cassette is available on request: refer to Spec. N° LS-ST-00 005.

MODELS AVAILABLE

- SM fibres G652.D, G657.A standard length 550 m, 1000 m, 2000 m
 G655 standard length 550 m
- MM fibres 62.5/125 OM1 - 50/125 OM2 - 50/125 OM3 - 50/125 OM4
 standard length 150 m, 500 m
- Termination with any type of simplex connector and MTRJ connector.
- Simplex connectors protected by dust cap with latch.
- 3 mm LSZH ruggedized Metal Armoured cable– length 2 m
 Yellow for SM fibres G652D, G655, G657.A
 Orange for MM 62.5/125 OM1 and 50/125 OM2
 Aqua for 50/125 OM3 and 50/125 OM4
 For reels of 2 or 3 different fibres: all 3 cables will have different colours.
 Crush (IEC 60794-1-2-E3) = 3500 N/100mm
- 35 mm of white heat-shrinkable tube on the cable close to the boot helps to identify the connector when plugged in the rack.
- Power meter certificate always inside the case. As alternative OTDR certificate available on request.
- Final quality control of 100% of the fibers is recorder at manufacturer laboratory.
- Removable shoulder strap allows to work with both hands free and to transport the box easily.

TECHNICAL DRAWINGS

Case Overall Dimensions



Example of Test Report



35 mm white heat-shrinkable tube on the cable close to the boot helps to identify the connector.

M A T E R I A L S

Nº	Component	Material
1	Box	Ultra High Impact Polypropylene Copolymer
2	Cover O-Ring	Neoprene
3	Cover Foam	Polyurethane
4	Hinges Pins	Stainless Steel
5	Automatic pressure equalization valve	Purge Body ABS Purge Vent PET Purge O-Ring Nitrile
6	Removable Strap	Bend - Polypropylene and Nylon Hooks - Nickel Plated Zinc Alloy
7	Internal Plate	Aluminium
8	Screws	CR3 Zinc Plated Steel
9	Hole Caps	Nylon 6/6 UL94 V2 RMS-01
10	Rivets	Aluminium
11	Holding inserts and Latches	Nylon 6/6 UL94 V-2
12	Clamps	Soft Steel (RMS-243); Coating PVC (RMS-118)
13	Ruggedized tubes	LSZH jacket + Kevlar + hytel buffer
14	Connectors	Please see the relative specification

The materials of the Launch Reel are RoHS and REACH compliant.

E N D O F S P E C I F I C A T I O N