DATASHEET

OTDR FIBRE LAUNCH LEADS – TED®

Fibre launch leads are essential elements in the optical reflectometry measurement chain.
Their use is mandatory to validate and certify a fibre optic network. Their main functions are:

- Minimize the effect of OTDR dead zone
- Characterize input and output optical link connectors for which it is important to know the loss and reflectance values.

Several configurations are available according to the following criteria:

- Single mode or multimode fibre
- Fibre length
- Connectors

Specific configurations can be manufactured upon request.

Net weight : 600g

Dimensions: 235 x 180 x 48mm

MAIN FEATURES

Two launch leads are required in the measurement chain: the first one located between the reflectometer and the first connector of the link to be tested and the second one positioned at the other end of the link.

The choice of the launch lead is based on a few criteria: the fibre must be of the same nature as the fibre to be validated, the connectors must be the same as the connectors at the end of the link and the reflectometer, the lengths must be sufficiently important to overcome the intrinsic dead zone of the reflectometer.

An integrated splice tray allows the user to replace damaged connectors or to adapt the launch lead to other types of connectors. This can be done by simply fusing a new pigtail with the fibre reel.

Designed with a sturdy and practical layout, TED launch leads are perfectly suited to the demands of field use. Specific wire guides preserve the integrity of the connecting pigtails.

Insertion loss (IL) and return loss (RL) measurement values are provided.

TECHNICAL SPECIFICATIONS

Fibre optic cable types	OM1, OM2, OM3, OM4, G652, G657
Connectors	FC, LC, SC and ST
Polish type	UPC or APC
Multimode fibre lengths	150m, 300m and 500m
Single mode fibre lengths	500m, 1000m, 2000m and 2400m
Pigtails length	1,5m
Pigtails fiber cladding	Ø 3mm

KEY FEATURES

- Robust and practical
- Wide variety of configurations
- Wire guides
- Possible repair by the user