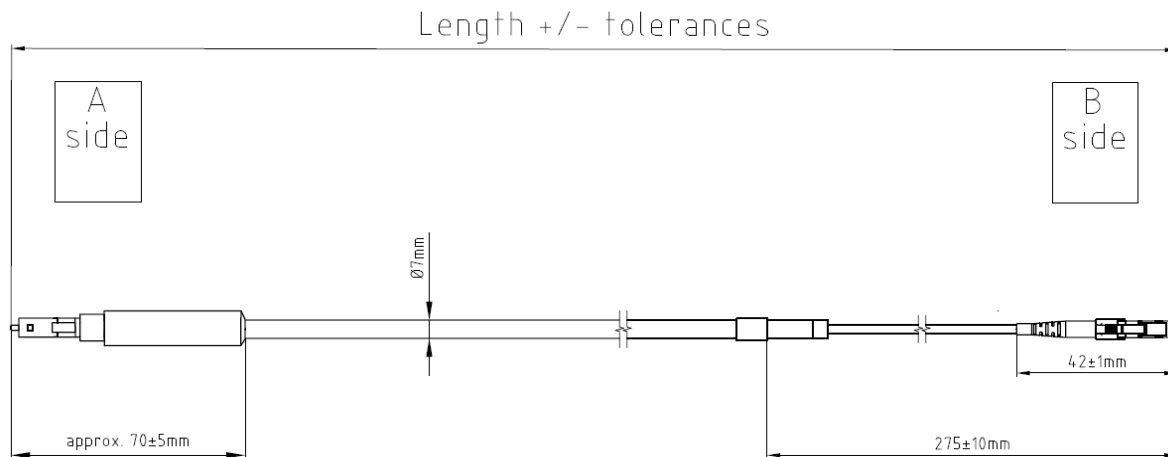




Description

These fiber optic jumper cable assemblies connect remote radio heads in telecommunication applications. Side A is equipped with an LC-Connector. The divider is overmolded and is especially designed for solid straight connections. Side B is equipped with an LCS connector, the fan-out on the LCS connector is not outdoor rated.

The assembly can be used indoor and outdoor. The cable is UV protected and riser rated.

Available Variants

Type	Length (mm)	Weight (g) / pce
L98B-RFE373-10FT	3048	tbd.
L98B-RFE373-20FT	6096	tbd.
L98B-RFE373-30FT	9144	tbd.
L98B-RFE373-40FT	12192	tbd.
L98B-RFE373-50FT	15240	tbd.
L98B-RFE373-80FT	24384	tbd.
L98B-RFE373-100FT	30480	tbd.

Length (m) Tolerances (mm)

L ≤ 10	+100/-50
10 < L ≤ 30	+200/-100
L > 30	+/-1%

Cable assemblies in additional length variants are available.

Parts

Connector top	1x LC-Simplex, single mode
Connector bottom	1x LC-Simplex, single mode
Cable	UL-approval UL 1651 OFNR (UL1666) Flame retardant acc. to IEC 60332-1, black

Connectors

Insertion loss

Return loss

Bending radius min. at boot

Bending radius min. fan-out

LC Connectors

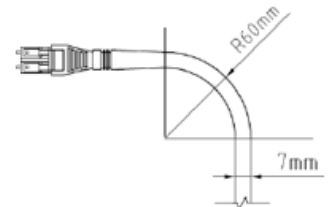
Typ. 0.10 dB

Max. 0.30 dB

Typ. 50 dB (UPC)

60 mm

30 mm



Mechanical data

Cable diameter, jacket

7 mm

Minimum bending radius cable

Installation

105 mm

Operation

70 mm

Max. tensile strength cable

Installation

1200 N

Permanent

600 N

Max. tensile strength fan-out

Installation/Permanent

100N

Crush resistance cable, (short term)

2200 N / dm

Crush resistance cable, (long term)

800 N / dm

Impact resistance acc. To IEC 60794-1-2, method E4

3 Impacts

1.5 Nm

Environmental data

Temperature range operation

-40°C to +85°C

Temperature range storage

-55°C to +85°C

Temperature range installation

-20°C to +60°C

RoHS

Compliant

UV resistance

Acc. to DIN53387

Good resistance to oil, petrol and leach

Packing

Standard:

Length < 20 m

3 pce in box

Length ≥ 20 m

1 pce in box

Length ≥ 175 m

1 pce on cardboard drum

While the information has been carefully compiled to the best of our knowledge, nothing is intended as representation or warranty on our part and no statement herein shall be construed as recommendation to infringe existing patents. In the effort to improve our products, we reserve the right to make changes judged to be necessary.

For the installation of the electrotechnical equipment, particular electrotechnical expertise is required.

