

Features

- FTTA Applications
- Single Mode Fiber
- Easy to install, flexible, with low profile cable design, integrated hosting ability
- Bend insensitive
- Designed for harsh environment applications
- Securing washer
- Reusable protection tube, IP67



Optical Specifications

Product Type:	Fiber Trunk
Fiber Type:	G657A2
Fiber Quantity:	48
Optical Connector A:	LC- Duplex Uniboot
Optical Connector B:	LC- Duplex Uniboot
Insertion Loss Typ. (dB): Per Connector	0.10
Insertion Loss Max. (dB): Per Connector	0.30
Return Loss (dB): (UPC)	50
Pulling Force Typ. (N):	100

Mechanical Specifications — Core Cable

Water Blocking Method:	Gel-filled loose tube
Strength Material :	Aramid Yarns
Cable Diameter (mm):	10
Cable Jacket Color:	Black
Cable Rating:	OFNR
Min. Bending Radius (mm): Installation	188
Min. Bending Radius (mm): Operation	94
Max. tensile strength (N): Installation	2700
Max. tensile strength (N): Permanent	890
Crush Resistance (N/100mm)	2200

Mechanical Specifications — Core Cable

Min. Bending Radius (mm): Single Fan-Out	30
Min. Bending Radius (mm): Repeated Fan-Out	30

Mechanical Specifications— Fan-out

Min. Bending Radius (mm): Single	30
Min. Bending Radius (mm): repeated	30
Max. tensile strength (N):	100

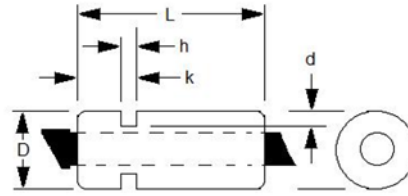
Environmental Specifications

Temp. Range Operation (°C):	-40 to +80
Temp. Range Storage (°C):	-40 to +80
Temp. Range Installation (°C):	-10 to +65

Standards and Regulatory

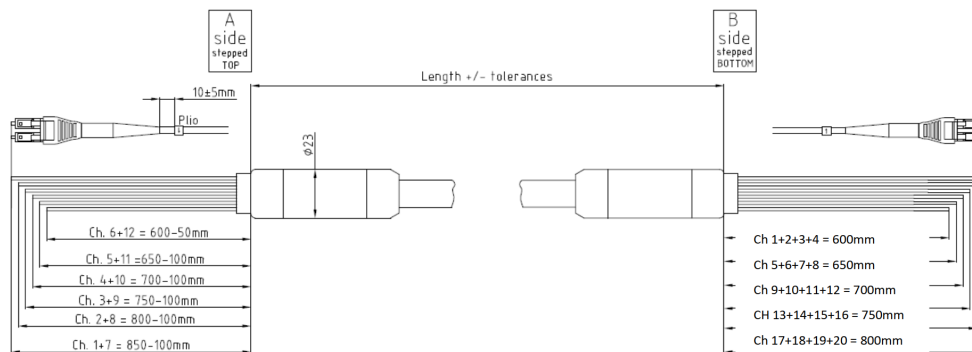
UL 1666 compliant
IEC 61300-2
IEC 61300-3
RoHS compliant 2002/95/EC
REACH compliant

Header Design (1 on top side)



Fiber Header Specifications	Distance in millimeters
L	83.0mm ±0.1mm
h	1.7mm ±0.1mm
k	24.0mm ±0.1mm
d	5.95mm ±0.2mm
D	29.9mm ±0.1mm

Assembly Design



Ordering Information

Length	Part Number
15M	942-97312-10015
25M	942-97312-10025
30M	942-97312-10030
50M	942-97312-10050
75M	942-97312-10075
100M	942-97312-10100
125M	942-97312-10125
150M	942-97312-10150
175M	942-97312-10175