

Features

- FTTA Applications
- Single Mode Fiber
- Bend insensitive
- Designed for harsh environment applications
- UV Protected and riser rated
- Suitable for indoor/outdoor installations

942-97309-10XXX



Optical Specifications

Product Type:	Fiber Jumper
Fiber Type:	G657A2
Fiber Quantity:	4
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— Fan-out A

Diameter (mm)	7
Length (mm)	700

Mechanical Specifications— Fan-out B

Diameter (mm)	2.9
Length (mm)	250

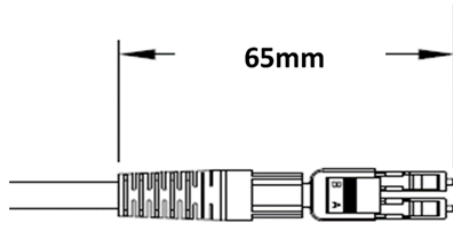
Environmental Specifications

Temp. Range Operation (°C):	-40 to +85
Temp. Range Storage (°C):	-40 to +85
Temp. Range Installation (°C):	-10 to +65

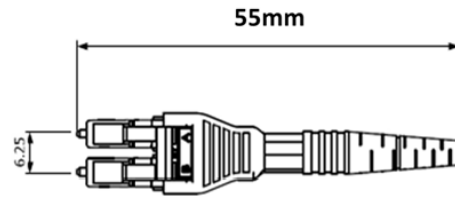
Mechanical Specifications — Core Cable Standards and Regulatory

Water Blocking Method:	Gel-filled loose tube	UL 1666 compliant
Strength Material :	Aramid Yarns	IEC 61300-2
Cable Diameter (mm):	7	IEC 60794-1-2 method E4
Cable Jacket Color:	Black	RoHS compliant 2011/65/EG
Cable Rating:	OFNR	REACH compliant
Min. Bending Radius (mm): Installation	105	
Min. Bending Radius (mm): Operation	70	
Max. tensile strength (N): Installation	1200	
Max. tensile strength (N): Permanent	600	
Crush Resistance (N/100mm)	2200	

Connector Dimensions

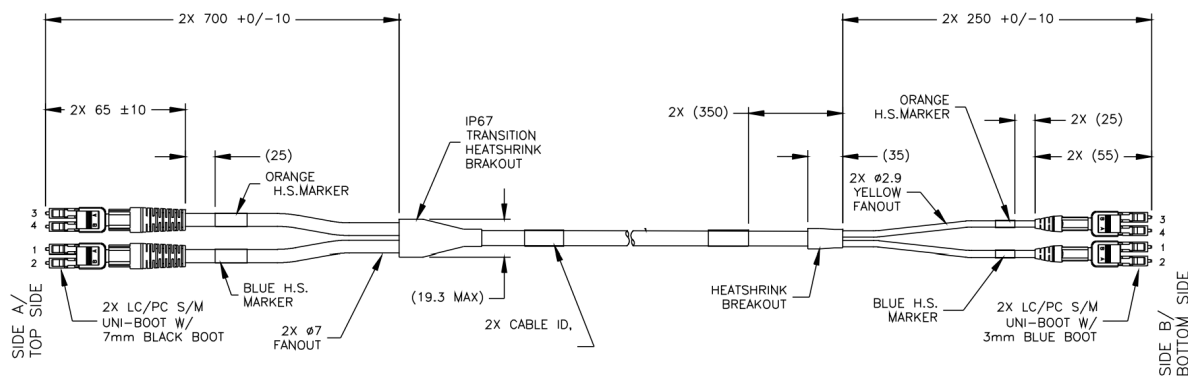


Top Side



Bottom Side

Assembly Design



Ordering Information

Length	Part Number
5M	942-97309-10005
7.5M	942-97309-107.5
10M	942-97309-10010
20M	942-97309-10020
35M	942-97309-10035
50M	942-97309-10050
75M	942-97309-10075
100M	942-97309-10100
125M	942-97309-10125
150M	942-97309-10150
175M	942-97309-10175
200M	942-97309-10200
250M	942-97309-10250