

## Features

942-97309-10XXX

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



## Optical Specifications

<b>Product Type:</b>	Fiber Jumper
<b>Fiber Type:</b>	G657A2
<b>Fiber Quantity:</b>	4
<b>Optical Connector A:</b>	LC- Duplex Uniboot
<b>Optical Connector B:</b>	LC- Duplex Uniboot
<b>Insertion Loss Typ. (dB): Per Connector</b>	0.10
<b>Insertion Loss Max. (dB): Per Connector</b>	0.30
<b>Return Loss (dB): (UPC)</b>	50
<b>Pulling Force Typ. (N):</b>	100

## Mechanical Specifications— Fan-out A

<b>Diameter (mm)</b>	7
<b>Length (mm)</b>	700

## Mechanical Specifications— Fan-out B

<b>Diameter (mm)</b>	2.9
<b>Length (mm)</b>	250

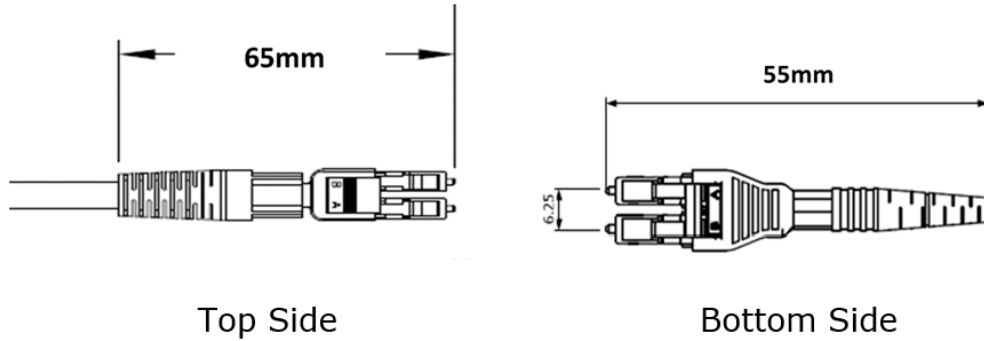
## Environmental Specifications

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

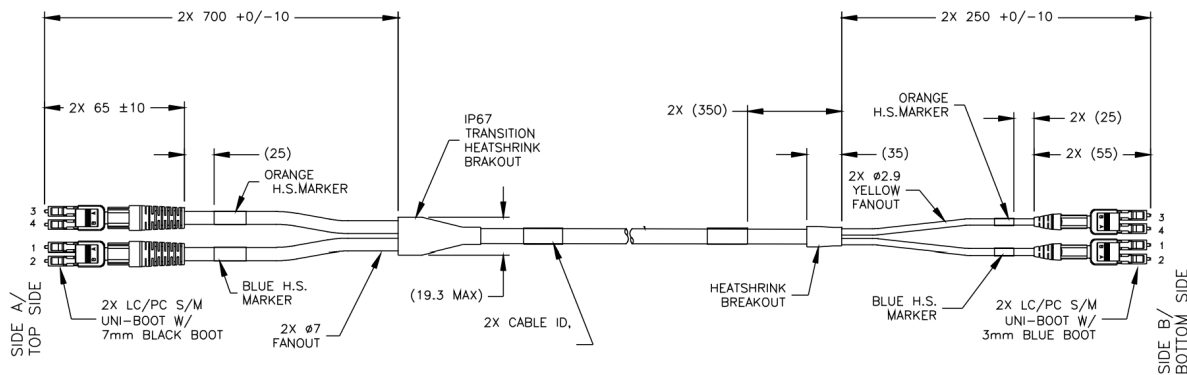
## Mechanical Specifications — Core Cable Standards and Regulatory

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

### Connector Dimensions



### 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