

## IP (LC/SC) Outdoor Cable Assemblies



### Application

- Multi-purpose Outdoor
- For connection between distribution box and RRH
- Deployment in Remote Radio Headcell tower applications
- Data communication network
- Optical fiber system access network
- Fiber Storage Area Network
- High-density chassis

### Features

- Senko waterproof connector kits
- High precision connector
- PC UPC APC end face polish
- Factory terminated (tested cables) or Field installable version available.
- Low insertion loss and added loss.
- Plug has tolerance free design, free floating on Z-axis.

Information and specifications are subject to change without notice.  
Please visit [www.china-tscom.com](http://www.china-tscom.com) for more information

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- Materials in the jumper cable are all-weather and UV-resistant.
- ODVA Compatible
- Customized length available
- RoHS Compliant.

### Standard Compliance

- TIA/EIA 568.3-D
- IEC 61754 -4
- IEC 71754-20
- IEC 61753-1
- GR-326-Core

### General Specification

Construction	Description
Fiber Count	1-2 Fibers
Fiber Mode	Single mode: G.652/G.657 Multimode: OM1 OM2 OM3; OM4
Fiber Brand	Corning SMF-28® Ultra optical fiber Corning ClearCurve® multimode fiber
Cable Jacket Color	Black or Customized
Connector type	LC Duplex    SC Simplex
Cable diameter	5-8mm
Polarity	A-A    A-B (TIA-568.3-D)
Ingress Protection rating	IP68
Operating Temperature	-40°C to + 70°C
Storage Temperature	-40°C to + 85°C

### Technical Specification

Optical Properties	Singlemode	Multimode
Insertion Loss (dB)	UPC $\leq 0.20$	$\leq 0.20$
	APC $\leq 0.30$	
Return Loss (dB)	PC $\geq 50$ ; APC $\geq 60$	PC $\geq 20$ ; APC $\geq 40$
Durability	$\leq 0.2$ dB typical change, 50 matings	$\leq 0.2$ dB typical change, 50 matings
Wavelength (nm)	Singlemode: 1310/1550	Multimode: 850/1300

**Note:**

IL&RL Test method: IEC 61300-3-4 insertion B.

## Cable Structure

