

PDLC Outdoor Cable Assembly



Product Description

PDLC connectors and required optical cables have become standard interface applications for 4G\ 5G and wireless base stations, such as remote wireless, optical fiber to antenna, etc. This product is not only suitable for these fields, but also for industrial, aerospace, national defense and other fields. The cable assembled by PDLC has been tested by salt spray. The waterproof grade reaches IP68. It is easy to install and transmit reliable data over a long distance under harsh environment.

Features

- Standard Duplex LC connector, low IL, high RL
- IP68 protection, salt-mist proof, humidity proof, dust proof
- Easy Operation, reliable and cost-effective Installation
- 100% optically tested to ensure quality performance assemblies

Application

- FTTH
- For connection between distribution box and RRH
- Multi-purpose Outdoor
- Deployment in Remote Radio Head cell tower applications

Specification

Item	Parameter
Connector type	PDLC、Duplex LC
Cable diameter	7.0mm round cable
Connector insertion loss (dB)	≤ 0.3
Connector return loss (dB)	$\geq 50\text{dB (UPC)}$, $\geq 60\text{dB (APC)}$
Cable pull	120N, IEC 61300
Waterproof	IP68
Working temperature	-40°C~85°C
Storage Temperature	-40°C~85°C