

DLC/PDLC/CPRI Base Station Cable

Fiber Optic Patchcord

Product Drawing



Product Description

As an indispensable part of wireless communication base stations, base station patchcord carry the transmission task of RF signals between base station equipment. CPRI, DLC, and PDLC are three common types of base station patch cords, each with different characteristics and application scenarios.

CPRI base station patch cord:

CPRI (Common Radio Frequency Interface) base station patch cord defines the digital interface between Radio Frequency Equipment Control (REC) and Radio Frequency Equipment (RE) of wireless infrastructure base stations.

DLC base station patch cord:

DLC (dual core pull-out) base station patch cord is mainly used for connecting BBU (baseband processing unit) and RRU (radio frequency pull-out module) in 3G networks.

PDLC base station patch cord:

PDLC (Armored Waterproof) base station patch cord has become a standard interface for 3G, 4G, and wireless base station remote radio, fiber to antenna, and other fields.

Product features

CPRI base station patch cord:

- Standardize protocols to achieve interoperability between devices from different suppliers.
- Protect the software investment of wireless service providers.
- The line speed continues to improve, with the latest standard V7.0 operating at a maximum speed of 24.3Gbps.

DLC base station patch cord:

- Suitable for harsh outdoor environments, with IP65 protection level and anti salt spray function.
- Convenient, fast, and low-cost installation.
- The A-end is an LC dual core connector, while the B-end can choose LC, SC, or FC connectors.

PDLC base station patch cord:

- IP67 waterproof and dustproof rating, passed salt spray test.



- Suitable for fiber optic communication in harsh outdoor environments.
- Easy to operate, reliable, and cost-effective for installation.

Application

Fiber optic line between Remote-Radio head and base station.

FTTA and FTTH.

Technical Specifications

Product Parameters

Project	Technical indicators			
Product name	DLC/PDLC/CPRI Base Station Cable Fiber Optic Patchcord			
Parameter	Unit	Index		
Connector Type	/	SM 9/125	MM 50/125	MM62.5/125
Insertion Loss	dB	Max≤0.7		
Repeatability	dB	≤0.1		
Interchangeability	dB	≤0.2		
Connection Durability	dB	≥500		
Operating Temperature	℃	-25~+70		
Fiber Type	SM9/125,MM50/125,MM62.5/125			