

Odc fiber optic cable connector



Article Overview

ODC (Outdoor Connector) fiber optic connectors are ruggedized, waterproof connectors designed for reliable outdoor and harsh environment fiber optic applications.

Overview

ODC connectors are specifically engineered for outdoor, industrial, and harsh environments, offering IP67/IP68 waterproofing, dust resistance, and rapid-lock coupling mechanisms for secure fiber termination and interconnection . They are widely used in FTTA (Fiber to the Antenna), FTTH (Fiber to the Home), telecom base stations, military networks, and industrial sites . These connectors ensure stable data transmission, long service life, and low maintenance, making them ideal for both single-mode and multimode fiber systems .

Types of ODC Connectors

- ODC2 Connector (2-core): Supports two fibers, typically one transmit and one receive channel, commonly used in FTTA and outdoor base stations .
- ODC4 Connector (4-core): Includes four fiber cores for higher bandwidth and redundancy .
- ODC Hybrid Connector: Combines fiber optic and electrical contacts in a single compact unit for integrated applications .
- ODC Plug and Socket: The system includes a plug (male) and socket (female) with a push-pull mechanism for quick installation and reliable mating even in dusty or wet conditions

Article Content

ODC® Series

Dedicated to outdoor optical connections, ODC® connectors are available with MultiMode or SingleMode simplex or outdoor field

Q-ODC fiber optic connector for extreme temperatures,

With a diameter of only 20 millimeters, the compact fiber optic connector enables versatile applications in

ODC Fiber Optic Patch Cord with ODC-2,ODC-4

ODC Fiber Optic Patch Cord is made of the ODC Connector together with the far transmission cable, are

ODC Plug to LC/SC/ST/FC 2 Fiber Outdoor Cable Connector

2 fibers singlemode or multimode Compact design with 2×1.25mm ferrules Built-in socket with square or hexagonal flange Extension

ODC and Q-ODC Outdoor Connector Inspection

ODC* (outdoor connectors) are increasingly being used in field applications. These connectors come in various configurations,

What Is ODC Connector?

The odc connectors,together with the support optical cable,are becoming the standard interface specified in 3G,4G

ODC Fiber Optic Cables

ODC fiber optic patch cords and connectors are favored for next-generation wireless base stations by major communication vendors.

TE Connectivity: Connectors & Sensors for a Connected, Sustainable

Hier sollte eine Beschreibung angezeigt werden, diese Seite lässt dies jedoch nicht zu.

Q-ODC 12

They have been subjected to stringent vibration testing without suffering any performance loss. The

What is ODC Connector?

ODC connector provides high reliability, high flexibility, small size, low cost, and easy installation. Sun Telecom

ODC-4 socket, SC DX, braid 4x MM OM2 simplex 1.9mm cable

This outdoor fiber optic assembly with SC DX connectors, 4x MM OM2 simplex 1.9mm cable, is 1m long and designed for easy and

ODC Male/Female Fiber Patch Cord | 2 & 4 Core | HOLIGHT

Available in ODC male and female connector types. 2-core and 4-core configurations support both single-mode and

4 multimode fiber ODC plug connector

This multimode fiber ODC-4 plug connector features a 4.8mm diameter, a screwed locking mechanism, easy installation, and EMI

ODC Fiber Cable with ODC-2/ODC-4 Connector

An ODC Fiber Cable with ODC-2 / ODC-4 Connector is a ruggedized fiber optic patch cord specifically

ODC Fiber Optic Patch Cable

ODC for Harsh Environment Connectivity ODC fiber optic patch cables are used in outdoors, which suitable for different environment

INTRODUCTION OF ODC CONNECTOR - Fiber Optic Blog

ODC connectors are designed for the fiber to antenna (FTTA) applications. The ODC product range incorporates

Optical fiber connectors

Explore optical fiber connectors by HUBER+SUHNER, offering robust and reliable solutions from indoor to harsh environment

ODC Connectors for Fiber Optic Cables | Types & Applications

Explore all types of ODC fiber optic connectors — durable, waterproof, and high-performance solutions for outdoor

End to End Understanding of: ODC Fiber Patch Cables

ODC Fiber Patch Cables are robust patch cable connectors typically used in FTTA (Fiber to the Antenna) and other

ODC Connector and Patchcord

ODC fiber optic Connector (Plug/Socket) and patchcord for the new generation wireless base stations

ODC Fiber Optic Patch Cable

ODC fiber optic patch cords and their connectors components are ideal for the next-generation wireless base stations of major

ODC Plug to LC/SC/ST/FC 2 Fiber Outdoor Cable Connector

ODC connector is next generation connectors for wireless base station application (WCDMA/TD-SCDMA/CDMA200/Wi-MAX/GSM)

Ourdoor ODC 4 cores connector plug and sockets

The ODC Connector together with the far transmission cable, are becoming the standard interface specified in 3G, 4G and Wimax

ODC Fiber Optic Cable Reel

ODC Fiber Optic Cable Reel with ODC-2,ODC-4 connector, customized length, wide used for 3G 4G base

ODC Fiber Optic Cable Reel

ODC Fiber Optic Cable Reel is made of the ODC Connector together with the far transmission cable, are

ODC Plug to Socket 2 Fiber Duplex Cable

Number of Connectors (End A) 1 Return Loss (dB) 20 Connector Color (End B) Beige / blue Cable Color Black Boot Type (Right)

2F ODC Plug/Socket

Key Features Robust fiber-optic connector for 2 and 4 channels with screwed mating mechanism Compact

ODC Cable Assembly 4C/MP: Waterproof & High

The ODC-4C-MP ODC cable assembly is a high-performance fiber optic solution designed for robust

Contact Us

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