

YZ

Outdoor Fiber Optic Patch Cord

YZ ruggedized fiber Connector



Overview

The YZ series outdoor rugged fiber optic connector is a kind of multi-core, neutral, bayonet locking circular fiber optic connector by GJB1919 standards, including two kinds of movable connector and car wall connector.

The YZ ruggedized fiber optic connector shell is made of high-quality aluminum alloy or polymer composite material, which has excellent performance of vibration resistance, pressure resistance, waterproof, salt fog proof, and dust proof. Product specifications are 2 pins, 4 pins, 6 pins, 8 pins, 12 pins.

Features

- Comply with GJB 1919 standard
- Adopts neutral bayonet-type locking, which can achieve quick connection and separation
- Through-the-wall sealed connection structure can be connected to 2, 4, 6, and 8 optical fibers at a time
- Neutral structure design regardless of male and female, plugs and sockets can be arbitrarily interconnected
- Outer shell can choose two kinds of aluminum alloy material or polymer composite material
- Adopts ceramic ferrule and ceramic sleeves to achieve precision optical fiber docking.

Application

- Vehicle-based communications
- Temporary field connections for emergency fiber optic communications
- Airborne or shipboard systems and equipment

Technical Specifications

Parameter	Specifications
Insertion Loss	SM: $\leq 0.6\text{dB}$ MM: $\leq 0.5\text{dB}$
Return Loss	SM: $\geq 50\text{dB}$
Insulation Resistance	500VDC $\geq 5000\text{M}\Omega$ (normal environment)
Mechanical Behavior	Plug pull $\geq 500\text{N}$ Socket pull $\geq 30\text{N}$
Mechanical life	1000 times
Protection level	IP68
Operating temperature	$-45^{\circ}\text{C} \sim 85^{\circ}\text{C}$

Related Products

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