J599/MT

Outdoor Fiber Optic Patch Cord

J599 MT ruggedized fiber Connector

Overview

This J599/MT series of products is based on J599 series circular fiber optic connectors, using standard MT high-density fiber optic ferrules. The connectors are quickly connected with three-head threads and use five Key positioning, supporting blind insertion, anti-corrosion, and anti-vibration functions. The J599 MT connector is made of 316L stainless steel with high contact density and anti-electromagnetic shielding function. The fiber optic components are removable, which is convenient for on-site installation. The connector has low loss and high reliability; it has the characteristics of waterproof, dustproof, and corrosion resistance.

Features

- Comply with J599A (MIL-DTL-38999)III standard
- Outer shells made from a variety of materials can meet a wide range of harsh environmental and electromagnetic shielding requirements.
- Header Docking uses five-key positioning, achieving blind insertion and preventing mis-insertion.
- Adopts a three-headed thread for quick connection and has an anti-loosening structure
- Adopting standard 12-core or 24-core MT fiber optic contacts, it can achieve 12~96(12*N) way optical fiber precision docking
- MT contacts can be optional with PC or APC

Application

- WiMAX and LTE Base Stations
- Remote Radio Heads (RRH)
- Industrial outdoor applications
- Power Systems
- Mining
- Airborne communication
- Marine telecommunication

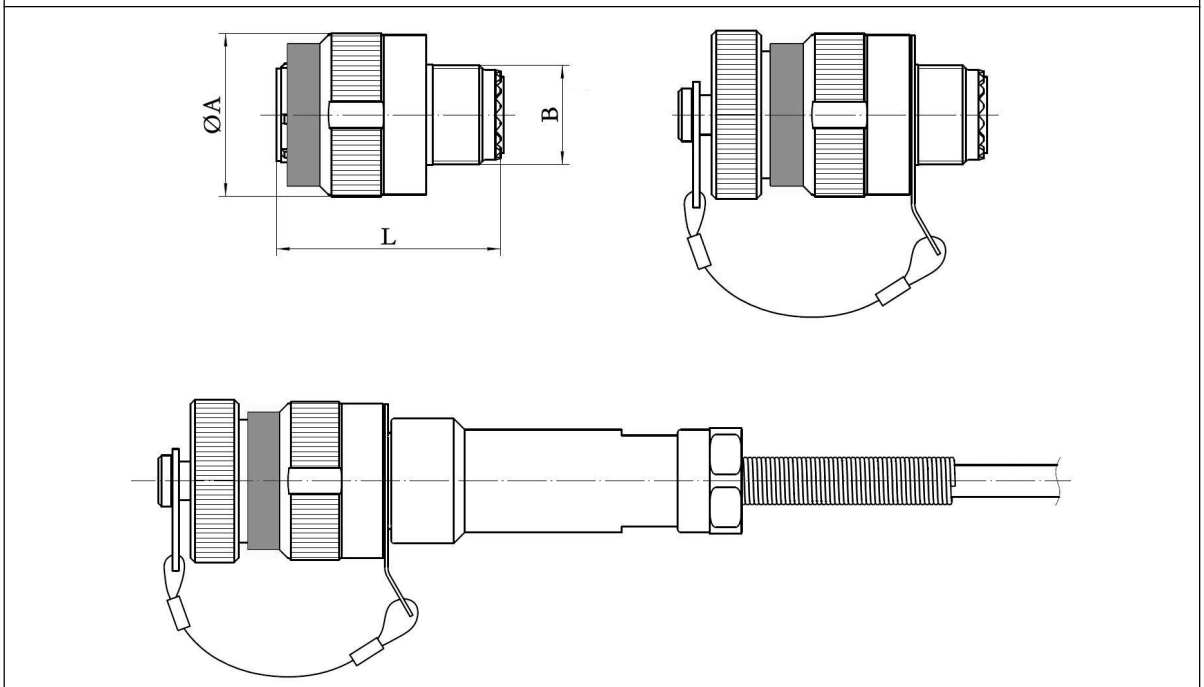
Technical Specifications

Parameter	Specifications
Insertion Loss	SM: ≤1.0dB MM: ≤0.6dB
Return Loss	SM: ≥50dB
Insulation Resistance	500VDC ≥5000MΩ(normal environment)
Mechanical Behavior	Plug pull≧500N Socket pull≧30N
Mechanical life	1000 times
Protection level	IP68
Operating temperature	-45℃ ~ 85℃

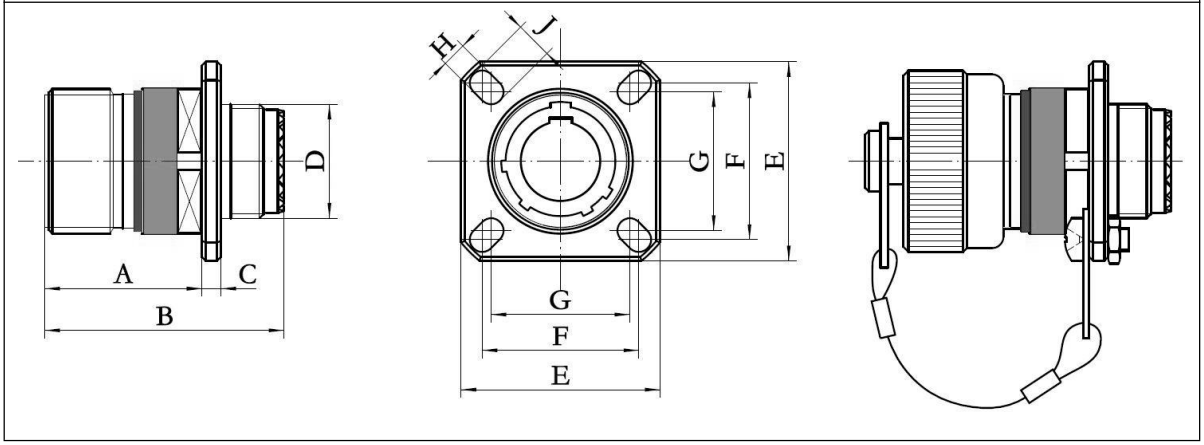
Connector Type

Structure diagram

J599 Plug



J599 Socket



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