

J599/A8

Outdoor Fiber Optic Patch Cord

J599 A8 ruggedized fiber Connector



Overview

The J599/A8 series products are based on J599III series fiber optic connectors with improved design, adopting standard $\Phi 1.25\text{mm}$ neutral contacts, removable sleeve retention parts (ASR parts), and precision pin guiding structure, which provide higher contact density, better optical performance, higher shock and vibration resistance, and more convenient cleaning and maintenance. The J599/A8 rugged fiber optic connector uses five-button positioning, with blind insertion and anti-error insertion function. The joint is quickly connected with three threads with anti-loosening structure, and the ceramic pin and housing are used to realize optically precise docking.

Features

- Comply with J599A (MIL-DTL-38999)III standard, performance in accordance with ARINC801 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 miss-insertion.
- Adopts a three-headed thread for quick connection and has an anti-loosening structure
- With single-core, 2-core, 4-core, 6-core, 8-core, 12-core and other specifications for selection

Application

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

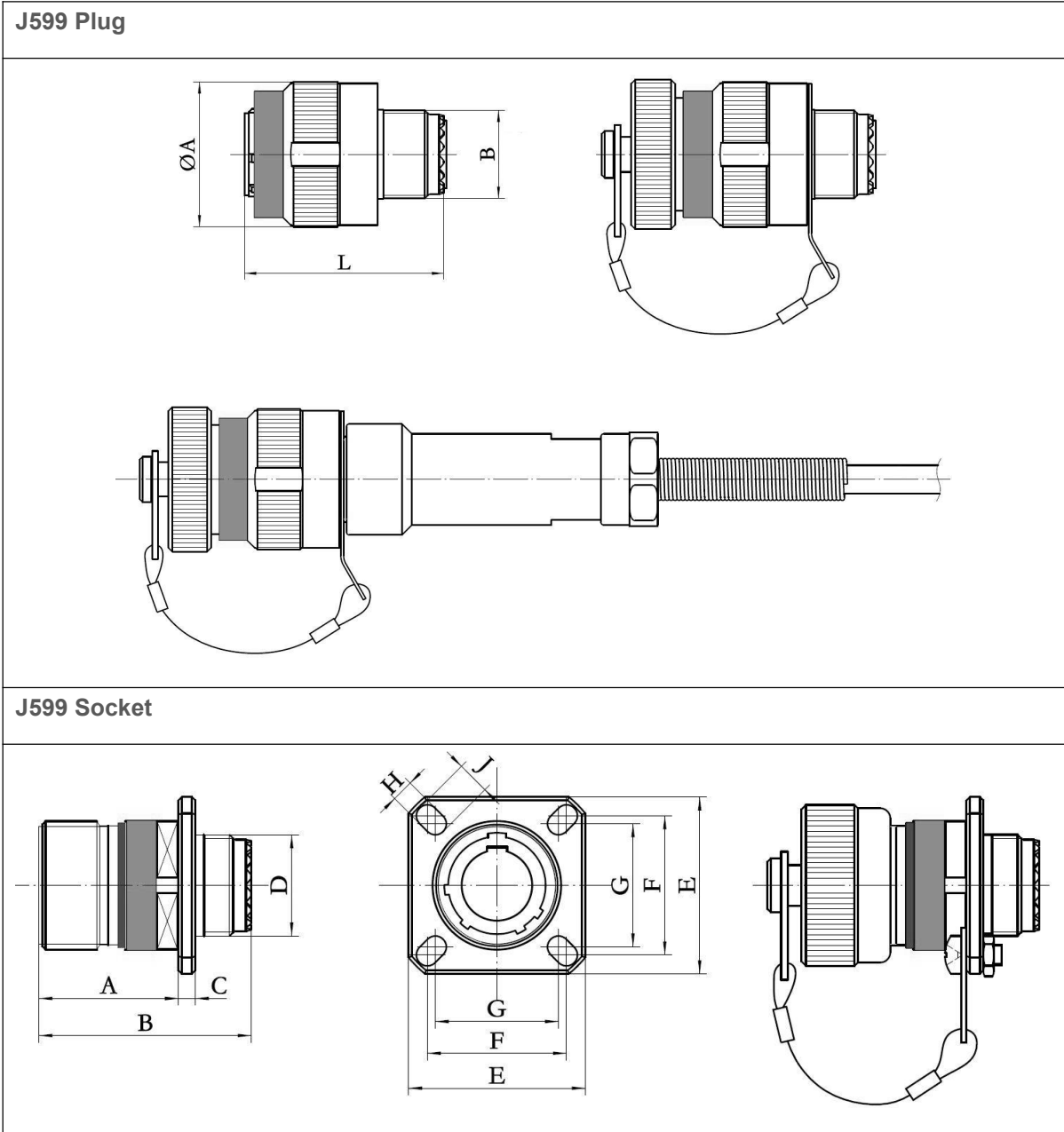
Technical Specifications

Parameter	Specifications
Insertion Loss	SM: $\leq 1.0\text{dB}$ MM: $\leq 0.6\text{dB}$
Return Loss	SM: $\geq 50\text{dB}$
Insulation Resistance	500VDC $\geq 5000\text{M}\Omega$ (normal environment)
Contact Resistance	$\leq 10\text{m}\Omega$
Mechanical Behavior	Plug: $\leq 500\text{N}$ (Main cable) Socket: $\leq 30\text{N}$ (Branch cable)

Connector Type



Structure diagram



For further information, please visit our website <https://www.aoatech.com>

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