

SMA905 High Power Metal Fiber Optic Connector

Product Description

SMA905 fiber optic connectors, also known as FSMA connectors, are widely recognized in the industry for fiber optic interconnect systems. Widely used in military, industrial and medical applications. The SMA905 fiber optic connector has a threaded coupling nut and uses a stainless steel ferrule with an inner diameter of up to 2000 microns to accommodate a variety of multimode optical fibers.



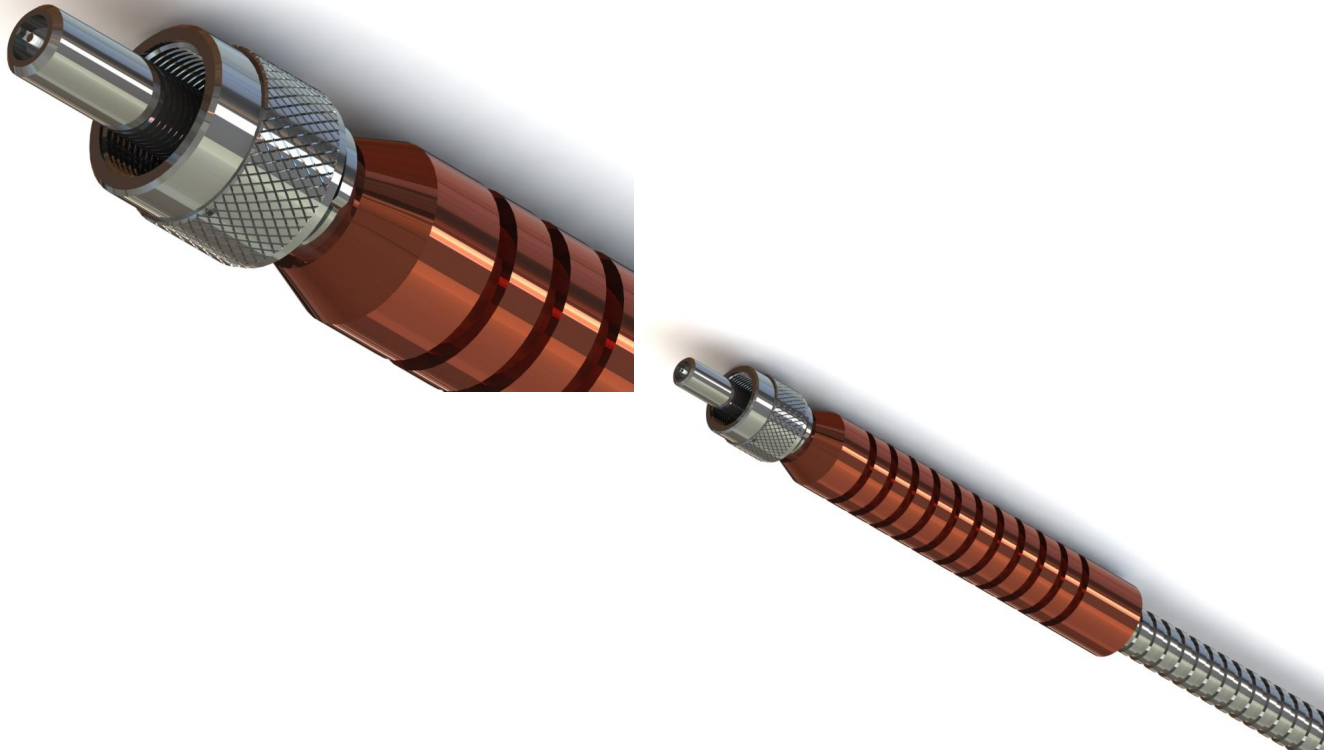
Features

- Using high-temperature-resistant stainless steel metal connectors and metal sheaths, it can be used in high-temperature environments for a long time.
- Match various energy transmission optical fibers with fiber core diameters of 80-2000um.
- Different models of standard connectors such as FC, SMA905, and D80 are available and can be customized according to customer needs.
- Provides suspended ferrule, glue-free process, suitable for high-power laser applications.
- Waterproof sealing design, oil-resistant and waterproof, with protection level up to IP67.

Applications

- High power laser
- Laser welding and marking
- Temperature sensing
- Spectral detection
- Military industry, medical





Product Parameter

Category	Indicator requirements
End face requirements	400X meets IEC 61300-3-35
Maximum power	≥200W
Operating temperature	-40°C ~200°C
Fiber optic connector type	FC, D80, SMA905 optional
Ferrule type	PC, APC, PC floating optional
Jacket	PVC, mini armored empty pipe
Protection level	IP67

