

## POF Patchcord-SMA(standard)

### Features:

- Improve attenuation and enhance quality of transmission; Minimal transfer loss
- Economical and highly reliable based on high speed automatic assembly technologies
- Low Weight; Easy Assembly and Installation
- Large Diameter Core and Thin Clad

### Description:

SMA connector holds stainless steel ferrule that can be held in a standard optical positioner. This significantly reduces fiber breakdown, usually the result of beam misalignment in which the laser energy is focused outside the fiber core on portions of the connector that could easily burn, causing fiber damage. An option for the fiber tip cantilevered within an SMA connector ferrule, which is bored to remove epoxy and other material from the fiber perimeter, reducing fiber breakdown. A heat sink is attached to the rear of the connector, which conducts extraneous heat away from the fiber, further reducing the possibility of breakdown.



### Specifications:

Parameter	Value
Insertion Loss	≤2.0dB
Interchangeability	≤1.0dB
Typical Attenuation	0.20dB/m (Wavelength: 650nm)
Refractive Index	Step Index
Minimum Bend Radius	25mm
Angle of incidence	60°
Tensile Strength	≤1.0dB (0~70N)
Vibration	≤1.0dB 5~50Hz, 1.5mm Amplitude)
Numeral Aperture	0.50
Jacket Color	Black
Fiber Diameter	1mm
Outside Diameter	2.2mm
Fiber Material	PMMA
Operating Temperature	-40℃~+85℃
Storage Temperature	-40℃~+85℃