

### FSMA Connectors

#### Product Facts

- Multimode
- Industry compatible with 905 and 906 style connectors
- Terminates fiber sizes from 125 through 1000 microns in diameter
- Design parameters conform to NATO and IEC interface standards

#### Performance Characteristics

**Insertion Loss:** 1.5 dB typical

**Temperature Range:** -55°C to +105°C

**Durability:** 200 mating cycles

#### Instruction Sheet

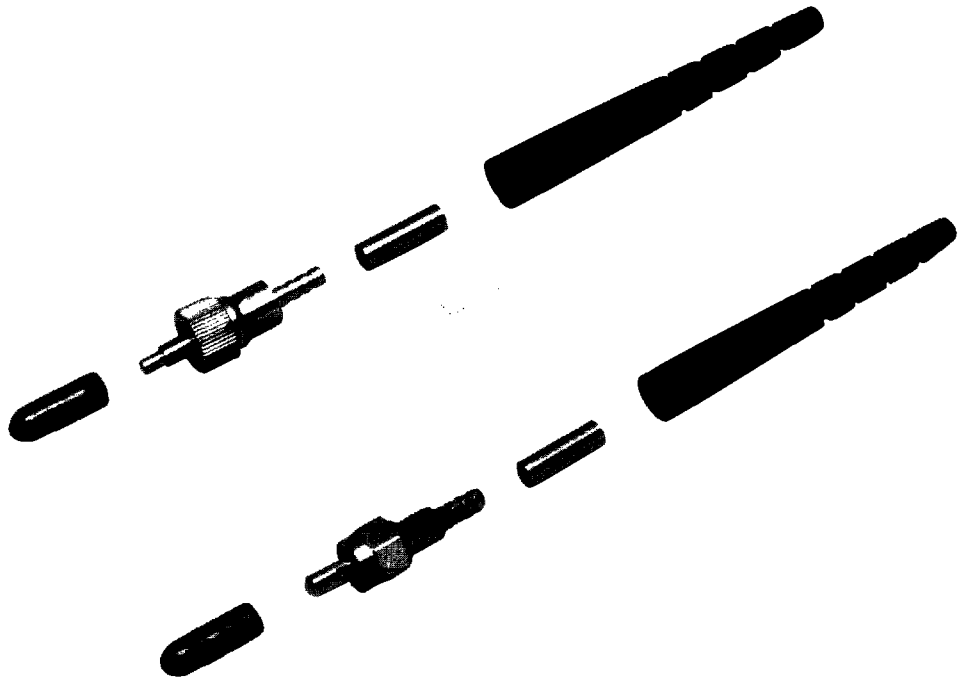
SMA 905 & 906 — IS 408-9863

SMA Termination Kit P/N 503746-2

SMA Polishing Length Gage :

P/N 501301-1 (not included with termination kit)

#### SMA Connectors



Ferrule Material	Connector Body Material	Fiber Diameter (um)	Nominal Jacket O.D. 3.1mm		Nominal Jacket O.D. 4.3mm		Nominal Jacket O.D. 5.3mm	
			905	906	905	906	905	906
Stainless Steel	Nickel-Plated	125	504566-1	504014-1	504567-1	504014-2	504568-1	504014-3
		140	504566-2	1-504014-0	504567-2	1-504014-1	504568-2	1-504014-2
	Brass	231	504566-7	2-504014-6	504567-7	4-504014-1	504568-7	—
		1000	3-504566-0	4-504014-2	2-504567-8	—	2-504568-8	—
Alloy	Alloy	125	504095-1	504094-1	504095-2	504094-2	—	—
		140	504095-3	504094-3	504095-4	504094-4	—	—
		231	2-504095-1	1-504094-1	2-504095-7	—	—	—
		1000	2-504095-4	—	—	—	—	—
Ceramic	Nickel-Plated	125	—	504015-1	—	504015-2	—	—
	Brass	140	—	504015-5	—	504015-6	—	—
Stainless Steel	Stainless Steel	125	504569-1	504014-5	504570-1	504014-6	—	—
		140	504569-2	1-504014-4	504570-2	1-504014-5	—	—
		231	504569-7	—	504570-7	—	—	—
		1000	2-504569-8	—	2-504570-8	—	—	—

#### Active Device Mount Features

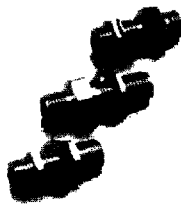
- Designed to house TO-18, TO-46, and TO-52 devices
- Constructed of nickel plated diecast zinc alloy or Stainless Steel
- Mounts to PC board or through panel



Active Device Mount

#### Adapter Features

- Precision mating adapter for all SMA connectors
- In-line splice or panel mount design



Adapters

#### SMA Adapters

Hex Flange, Stainless Steel	501049-1
Hex Flange, Stainless Steel, Counterbore, Sealed	501050-1
Hex Flange, Stainless Steel, Counterbore, Unsealed	501050-3
Fixed Flange, Nickel-Plated Brass	504026-1
In-Line, Stainless Steel	504028-1
In-Line, Nickel-Plated Brass	504029-1
In-Line, Nickel-Plated Brass, Counterbore	504030-1
In-Line, Stainless Steel, Counterbore, Short	504031-1

#### SMA Active Device Mounts

PC Mount Receptacle, Die Cast	502136-1
PC Mount Receptacle, Die Cast, Bulk Packaged	502136-2
PC Mount Receptacle, Stainless Steel	501055-1
PC Mount Receptacle, Stainless Steel, Bulk Packaged	501055-2