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## SMA/SMA (Sercos) Standard POF Patch Cords, 1.00 m

**SMA 905 connectors, 1.0 mm core, UL-rated PE 2.2 mm jacket**



Industrial Fiber Optics manufactures multiple product lines of premium quality fiber optic patch cords suitable for Sercos networking and other industrial networking applications. This patch cord series utilizes plastic optical fiber and is recommended for short distance applications such as those inside cabinets or where they will not be subject to physical abuse or exposure to chemicals. Patch cord consists of a UL-rated fiber cable with industry-standard 1.0 mm optical core/cladding surrounded by a chlorinated polyethylene jacket terminated with all stainless steel SMA 905 connectors. Equivalent to Allen Bradley 2090-SCEP series. Available to all customers and OEM manufacturing companies as a direct purchase item.

**Part Number:** IF 636-1-0

- ◆ UL-rated fiber cable
- ◆ Strain reliefs to minimize fiber stress at terminations
- ◆ 1  $\mu\text{m}$  polish terminations ensure high optical coupling efficiency
- ◆ Epoxied and crimped connector terminations for maximum retention strength
- ◆ Assembly processes exceed industry-standard procedures

### Structure

			Unit	Value
Fiber Cable	GHCP4001	Length	m	1.00 $\pm$ 0.05
Connector One	51 0053	Loss Typical (per term.)	dB	0.65
Connector Two	51 0053	Loss Maximum (per term.)	dB	1.15
RoHS Compliant	Yes	Optical Loss	dB/m	.17 Max. @ 650 nm
		Operating Temperature	$^{\circ}\text{C}$	-55 ~ 85
		Storage Temperature	$^{\circ}\text{C}$	-55 ~ 85
		Fiber Tensile Strength	N	70

**RoHS Certification:** Yes  
**Manufacturer's Datasheet**