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**SMA/SMA (Sercos) Heavy Duty POF Patch Cords, 10.00 m**  
**905 connectors, 1.0 mm core, flexible dual-jacket fiber cable**



Industrial Fiber Optics manufactures multiple product lines of premium quality fiber optic patch cords suitable for Sercos networking and other industrial networking applications. This particular cable falls within the recommended series for applications such as those outside cabinets requiring maximum tensile strength, and others that must withstand significant physical abuse and/or exposure to chemicals. This cable series is the most durable of our standard product series cables and recommended for applications with repetitive flexing. Patch cord consists of a fiber cable with industry-standard 1.0 mm optical core jacketed by polyethylene, followed by glass strands for strength and a red polyurethane jacket for an overall diameter of 6.0 mm with all stainless steel SMA 905 connectors. Direct replacement for the Bosch Rexroth type IKO0985.

**Part Number:** IF 635B-10-0

- ◆ Dual-jacket fiber cable for maximum mechanical durability and strength
- ◆ Non-conductive polymer ferrules for minimizing EMI pickup/transfer to receivers
- ◆ Epoxied connector terminations for maximum retention strength
- ◆ 1 μm polish terminations ensure high optical coupling efficiency
- ◆ Assembly processes exceed industry-standard procedures
- ◆ Standard lengths for quick delivery

**Structure**

			<b>Unit</b>	<b>Value</b>
Fiber Cable	84C01000S333	Length	m	10.00 ±0.1
Connector One	SMA 905	Loss Typical (per term.)	dB	0.6
Connector Two	SMA 905	Loss Maximum (per term.)	dB	0.9
RoHS Compliant	Yes	Optical Loss	dB/m	.17 Max. @ 650 nm
		Operating Temperature	° C	-20 ~ 70
		Storage Temperature	° C	-70 ~ 70
		Fiber Tensile Strength	N	450

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