INDUSTRIAL FIBER OPTICS

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SMA/SMA (Sercos) Series III (Heavy Duty) POF Patch Cords, 6.00 m
905 connectors, 1.0 mm core, 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 those that must withstand significant physical abuse and/or exposure to chemicals. These cables are the most durable of our standard product series cables. 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 gray PVC jacket for an overall diameter of 5.0 mm with all stainless steel SMA 905 connectors. Direct replacements for Allen Bradley 2090-SCVP series, comparable to the Bosch Rexroth type IKO0985. Available to all customers and OEM manufacturing companies as a direct purchase item.

Part Number: IF 635-6-0

- ◆ Dual-jacket fiber cable for maximum mechanical durability and strength
- ◆ Epoxied connector terminations for maximum retention strength
- ◆ 1 µm polish terminations ensure high optical coupling efficiency
- ◆ Strain reliefs to control bend radii at connector body
- ◆ Assembly processes exceed industry-standard procedures
- ◆ Standard lengths for quick delivery

Structure

			Unit	Value
Fiber Cable	GHTT4001	Length	m	6.00 ±0.1
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	° C	-55 ~ 85
		Storage Temperature	° C	-55 ~ 85
		Fiber Tensile Strength	N	245

RoHS Certification: Yes
Manufacturer's Datasheet