



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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# INDUSTRIAL FIBER OPTICS

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## SMA/ SMA (SERCOS) SERIES II POF Patch Cords, 0.13 m

SMA 905 connectors, 1.0 mm core, chemical-resistant 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 particular cable series is for short distance applications such as those inside cabinets, those that require moderate tensile strength and others which must withstand moderate physical abuse and/or exposure to chemicals. These cables are more resistant to chemicals and have higher tensile strength than the IF 636 series cables. Patch cord consists of a fiber cable with industry-standard 1.0 mm optical core surrounded by a polyamide jacket with all stainless steel SMA 905 connectors. Equivalent to Allen Bradley 2090-SCNP and the Bosch Rexroth IKO982 series. Available to all customers and OEM manufacturing companies as a direct purchase item.

**Part Number:** IF 637-0-1



### Features

- ◆ Polyamide 12 jacket for chemical resistance and cable strength
- ◆ Strain reliefs to minimize fiber stress at terminations
- ◆ 1  $\mu$ m polish terminations ensure high optical coupling efficiency
- ◆ Epoxied connector terminations for maximum retention strength
- ◆ Assembly processes exceed industry-standard procedures

### Specifications

Fiber Cable	<a href="#">GHN4001</a>	
Connector 1	SMA 905	
Connector 2	SMA 905 stainless	
RoHS Compliance	YES	
	Unit	Value
Length	m	0.13 + 0.03/- 0
Loss Typical (per term.)	dB	
Loss Maximum (per term.)	dB	
<a href="#">Optical Loss</a>	dB/m	.17 Max. @ 650 nm
Operating Temperature	° C	-55 ~ 85
Storage Temperature	° C	-55 ~ 85
Fiber Tensile Strength	N	

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