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# JIS F07 1000 $\mu\text{m}$ POF Fiber Cable



## Description

The FiTek JIS F07 duplex cable is a versatile solution for transmitting data over different lengths with 980/1000  $\mu\text{m}$  POF fiber. This cable is widely utilized in various applications, including Mitsubishi servo systems, PLC systems, OMRON SYSMAC systems, and FANUC CNC servo systems.

## Features

- Complies with the IEC 61754-16 (JIS C 5976 F07 Type) standard for high-quality performance and reliability.
- Free of EMI, ensuring a clean and stable signal transmission.
- Offers fast signal transmission while minimizing any signal distortion, allowing for efficient data transfer.
- Meets the strict environmental standards set by RoHS and REACH, ensuring that it's safe for people and the planet.

## Applications

- Provides a reliable data link for industrial control systems and factory automation applications.
- Ideal for high-quality and high-speed signal transmission in various settings, including FA equipment link, industrial servo systems, and medical data link systems.

# Specifications

Mechanical Properties		Simplex
Material	Core	Polymethyl Methacrylate (PMMA)
	Cladding	Fluorinated Polymer
	Jacket	Polyethylene (PE)
Core Diameter (μm)		980
Cladding Diameter (μm)		1000
Jacket Diameter (mm)		2.2
Jacket Color		Black
Index Profile		Step Index
Numerical Aperture (N.A.)		0.50
Acceptance Angle (Degree)		60
Attenuation		≤ 0.2 dB/m @660 nm
Allowable Bending Radius (mm)		Min. 25
Available Temperature Range		-20 °C~ +70 °C