Avago Series POF Patch Cord HFBR4503-4513

Variants

3M 5M

Details

Avago Series POF Patch Cord (HFBR4503–4513)

The Avago HFBR4503–4513 POF patch cord is designed for short-distance optical communication using plastic optical fiber (POF). It provides reliable signal transmission, strong EMI immunity, and easy installation, making it suitable for industrial automation, control systems, sensors, and communication equipment.

Key Features

Plastic Optical Fiber (POF) for short-distance data transmission
High EMI immunity for industrial and electrical environments
Flexible, lightweight, and easy to install
Stable optical performance for control and automation systems
Suitable for sensors, communication equipment, and short-range optical links

Technical Specification

Category	Specification
Product Type	POF (Plastic Optical Fiber) Patch Cord
Model	HFBR4503 / HFBR4513

Category	Specification
Fiber Type	Plastic Optical Fiber (PMMA Core)
Connector Type	Avago HFBR Series
Wavelength	650 nm
Fiber Core Diameter	1.0 mm
Cable Diameter	2.2 ± 0.1 mm
Fiber Material	PMMA Plastic Optical Fiber
Jacket Material	PE / PVC
Cable Structure	Simplex POF Cable
Transmission Distance	Short-range applications, typically up to 100 m
Transmission Type	Optical, EMI Immune
Data Rate	High-speed short-distance data transmission
EMI Resistance	High, immune to electromagnetic interference
Operating Temperature	-20°C to +70°C
Storage Temperature	-20°C to +70°C
Application	Industrial automation, control systems, sensors, short-distance communication

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