

AVAGO series



AVAGO components, plastic optical fiber module, industrial control connector has been widely used in the industrial control , process control and digital control, etc. Internal control network of many factories connect controller,equipment and sensor to monitor data, provide simple control feedback to production line.

Along with the development of Profibus, Interbus, ControlNet and SERCOS standards in the electromagnetic noise and demanding environment,plastic optical fiber works as the transmission medium.Through the converter, POF could be linked together with RS232, RS422, 100 MBPS Ethernet, token and other standards to provide stable and reliable communication lines, high-speed transmission industrial control signal and instructions in bad industrial manufacturing environment and the risk of communication interrupt by using metal cable line could be avoided.

Feature:

1. Anti-electromagnetic interference and electromagnetic radiation
2. Good flexibility, anti-vibration, ensure that in any case zero bit error rate of transmission
3. High temperature and low temperature (-45°C to 85°C)
4. Easy to install, needless maintenance
5. Plastic optical fiber is not conductive, can share the power transmission pipeline
6. Long-range power supply
7. Accord with the Agilent universal connection system

Application

1. Industrial robots, intelligent systems and servo system
2. Data transmission and industrial automation and control bus system
3. Communication exchange system
4. Digital multimedia systems
5. Medical sensing system
6. Power system

Models

Product code	Connector 1	Connector 2	Core diameter	Core Style	Cable color	Length
TX-4501Z/4511Z-1A	HFBR-4501Z	HFBR-4511Z	POF 980/1000 (import)	Simplex	black/custom	1000mm
TX-4503Z/4513Z-1A	HFBR-4503Z	HFBR-4513Z	POF 980/1000 (import)	Simplex	black/custom	1000mm
TX-4506Z/4516Z-2A	HFBR-4506Z	HFBR-4516Z	POF 980/1000 (import)	Duplex	black/custom	1000mm
TX-4531Z/4533Z-1A	HFBR-4531Z	HFBR-4533Z	POF 980/1000 (import)	Simplex	black/custom	1000mm
TX-4532Z/4532Z-1A	HFBR-4532Z	HFBR-4532Z	POF 980/1000 (import)	Simplex	black/custom	1000mm

According to the practical application , different type connector could be used together. Cable length is custom.

HFBR 4501Z/4511Z-1A





Product Feature:

1. Original import AVAGO connectors, ensure safety, soundness and efficient light coupling
2. Precise polishing, PE\PVC outer jacket, prevent wear, anti-corrosion
3. Immunity from electromagnetic interference, no conductive
4. Fine polishing, wearproof covers, PE/PVC sheath and colored cores
5. Super industry standard assembly process, multistrand cable complex processing, can transmit more data simultaneously and reduce the cost

Specification

- Fiber core diameter: $\Phi 1.0$ (optional $\Phi 0.25$ 、 $\Phi 0.50$ 、 $\Phi 0.75$)
- Finished product diameter: $\Phi 2.2$ (optional $\Phi 2.2\text{mm}$ - 10.0mm)
- Outer jacket: CPE、PE、PVC
- Outer color: Black, accept customized
- Attenuation: $< 180\text{dB/km}$
- Working temperature: -55°C - $+85^{\circ}\text{C}$
- Standard length: 1m, 0.1-100m accept customized
- Certificate: RoHS, CE

TX-4503Z/4513Z-1A



Structure



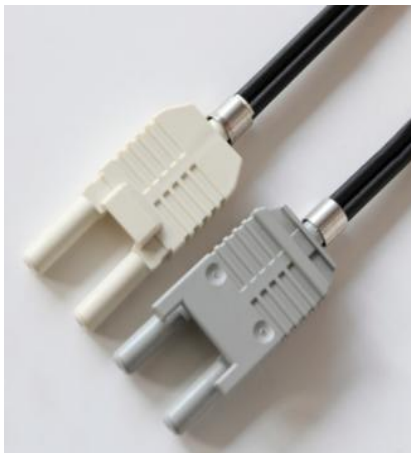
Product Feature:

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2. Precise polishing, PE/PVC outer jacket, prevent wear, anti-corrosion
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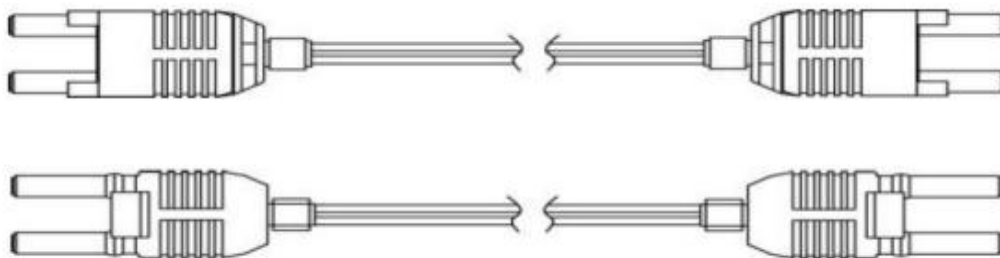
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TX-4506Z/4516Z-2A



Structure



Product Feature:

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4. Fine polishing, wearproof covers, PE/PVC sheath and colored cores
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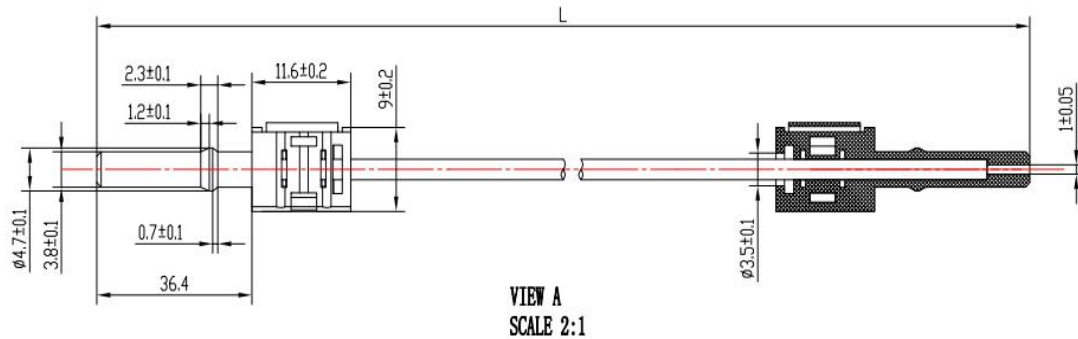
Specification

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- Finished product diameter: $\Phi 2.2$ (optional $\Phi 2.2\text{mm}$ - 10.0mm)
- Outer jacket: CPE、PE、PVC
- Outer color: Black, accept customized
- Attenuation: $< 180\text{dB/km}$
- Working temperature: -55°C - $+85^{\circ}\text{C}$
- Standard length: 1m, 0.1-100m accept customized
- Certificate: RoHS, CE

TX-4531Z/4533Z-1A



Structure



Product Feature:

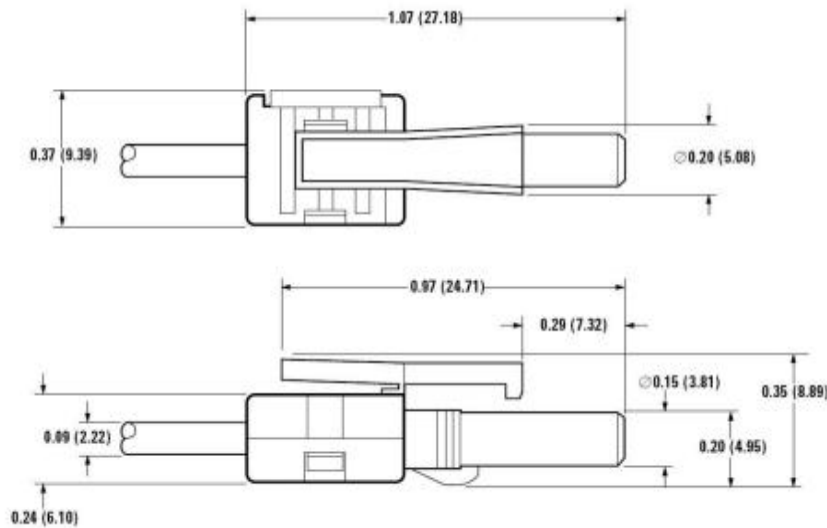
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