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## ■ Factory View







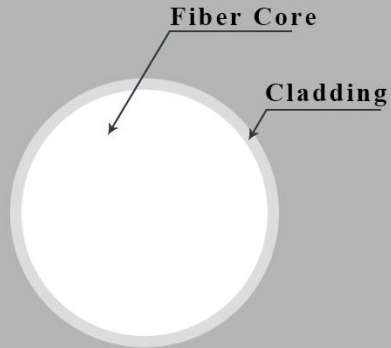
## Ready-to-use Plastic Optical Cable

Various purpose

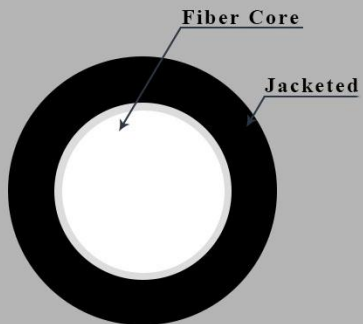
- AVAGO Patch Cord
- Optical Patch Cord
- Malfunction Indicate Cable
- Optical Sensor
- TOCP155 Cable
- Toslink
- Light-flow USB Data Cable

Plastic Optical Fiber

Plastic Optical Fiber without jacketed

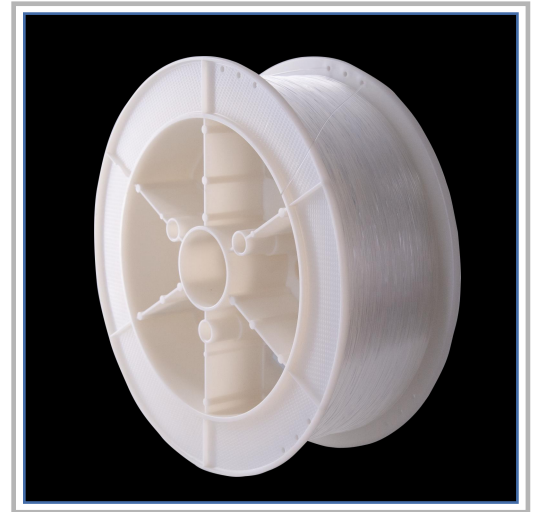


Plastic Optical Cable



## Characteristic

- Cheap price, low maintenance costs, copper resource savings, energy conservation and environmental protection
- No electromagnetic wave radiation, no electrical noise impact, strong anti-interference ability
- Light weight, good toughness, strong vibration and crack resistance, durable and reliable
- Waterproof, moisture-proof, antimagnetic, and lightning protection, which can meet the requirements of specific occasions
- Convenient installation, no need for fusion welding, and can be cut freely by oneself
- High bandwidth, high speed, and high performance
- Good coupling and light guiding ability
- Good confidentiality, safe and reliable

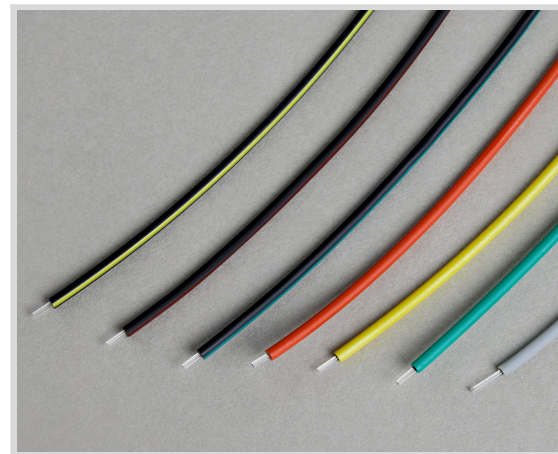




## Plastic Optical Cable

It has single strand, multi core single strands, multi strands and multi-color cable.

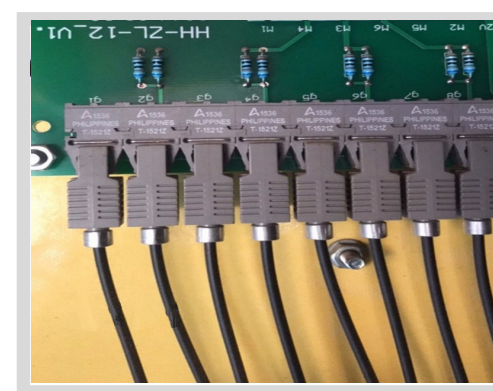
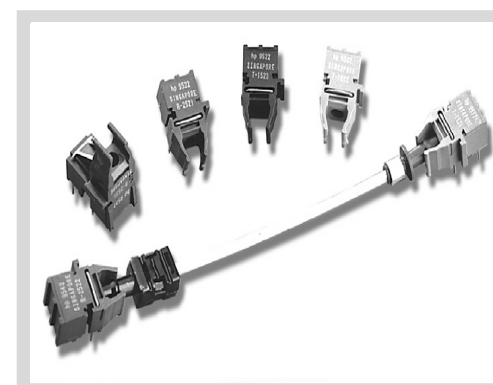
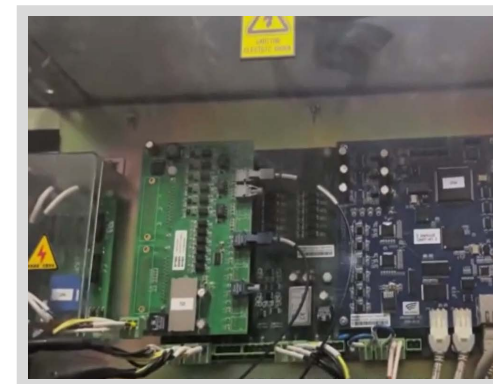
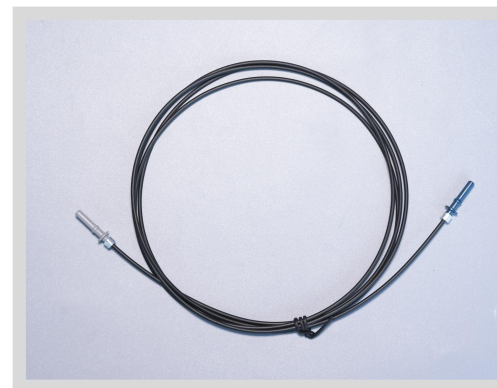
It can be used in sensing, medical, decorative lighting, consumer electronics, industrial control, automotive intelligence, fiber optic display, military communication, local area network FTTH/FTTD security and other fields.



## ■ AVAGO Patch Cord

The AVAGO HFBR series patch cord consists of AVAGO connectors and plastic optical cables, using Simplex optical fibers. It has the characteristics of stable signal transmission, high and low temperature resistance, electromagnetic interference resistance, good flexibility, and vibration resistance.

Applied to industrial robot intelligent systems and servo systems, industrial automation control bus systems, digital multimedia systems, communication exchange systems, medical sensing systems, power systems, etc.

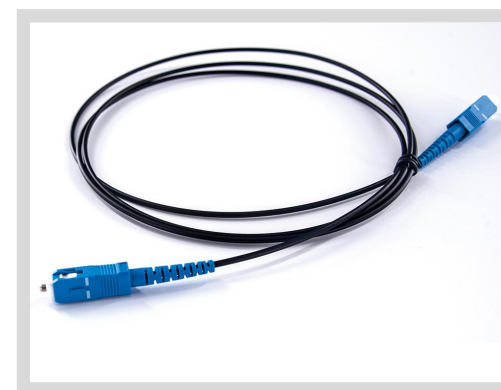
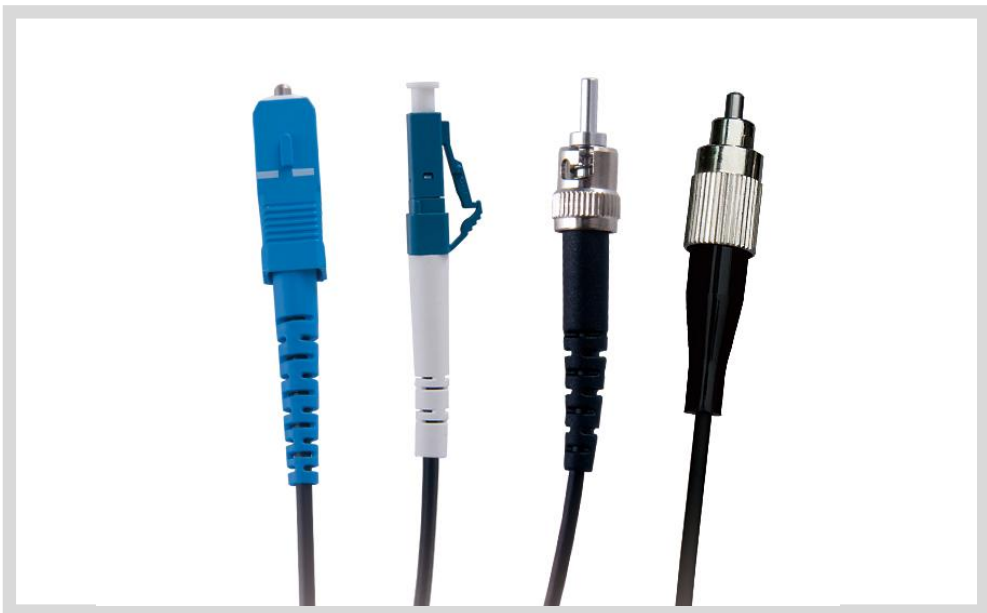




## ■ Optical Fiber Patch Cord

Fiber optic patch cord are jumpers from equipment to fiber optic cabling links, with a thick protective layer, used for connecting optical terminals and terminal boxes. It has the characteristics of stable signal transmission, high and low temperature resistance, electromagnetic interference resistance, good flexibility, and vibration resistance.

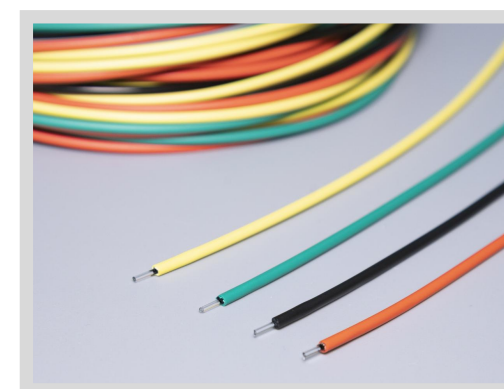
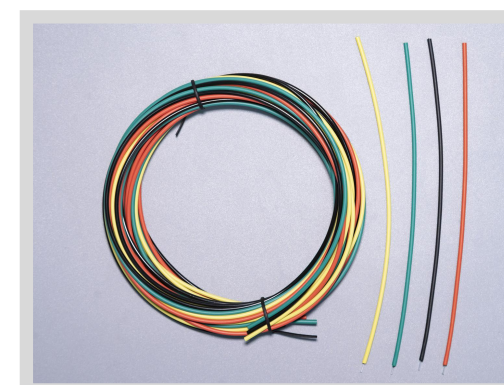
Applied in communication rooms, fiber to home, local area networks, fiber optic sensors, fiber optic communication systems, fiber optic connection transmission equipment, national defense readiness, etc.



## ■ Malfunction Indicate Cable

It is a plastic fiber optic jumper with color markings, which is easy to identify, easy to install, vibration resistant, high and low temperature resistant, lightweight, flexible, wide transmission bandwidth, anti electromagnetic interference, and stable signal transmission

Applied to industrial robot intelligent systems and servo systems, industrial automation control bus systems, digital multimedia systems, communication exchange systems, medical sensing systems, power systems, etc.

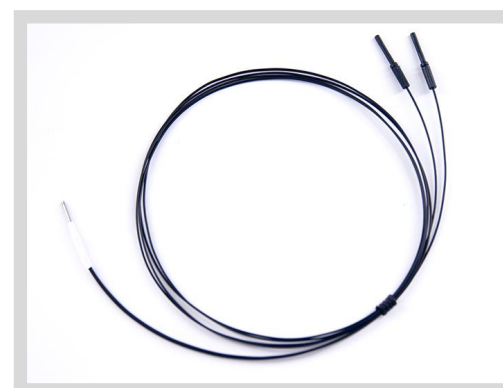
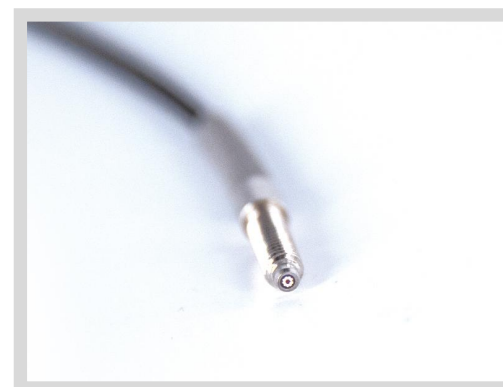




## ■ Optical Sensor

It is a sensor that transform the state of the measured object into measurable optical signals. The working principle of fiber optic sensors is to feed the light beam incident by the light source into a modulator through a fiber optic. The interaction between the modulator and the external measured parameters causes changes in the optical properties of the light, such as intensity, wavelength, frequency, phase, polarization state, etc., to become a modulated optical signal. Then, it is fed into the optoelectronic device through the fiber optic and demodulated to obtain the measured parameters. Throughout the entire process, the beam is introduced through a fiber optic, passed through a modulator, and then emitted. The role of the fiber optic is first to transmit the beam, and then to act as a light modulator.

Applied in the field of civil engineering, urban construction, detection technology, petroleum industry, oil well detection, temperature measurement, power system, railway monitoring, rocket propulsion system, etc



## ■ TOCP155

It can be used with Toshiba original equipment and forms an industrial control optical network system through supporting Toshiba modules. It is mainly used for simplex communication plug-in systems; It has the characteristics of large transmission bandwidth, anti electromagnetic interference, good flexibility, vibration resistance, stable signal transmission, high and low temperature resistance, easy installation and connection, and corrosion resistance

Applied to industrial robot intelligent systems and servo systems, industrial automation control bus systems, digital multimedia systems, communication exchange systems, medical sensing systems, power systems, etc.

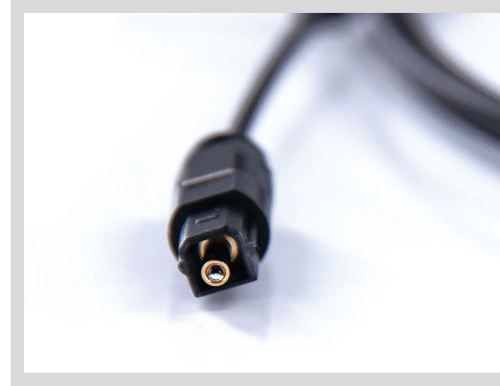




## ■ Toslink

Toslink is mainly used for connecting various devices. Through a type of photoconductor, light is used as a carrier to transmit digital audio signals (left and right channels or multiple channels). They have the characteristics of high transmission rate, anti electromagnetic interference, high fidelity, energy-saving and safe, and convenient installation.

Applied to television, audio, PS4/X BOX, amplifiers, DVDs, echo walls, Blu ray machines, set-top boxes, projectors, decoders, etc.



## ■ Light-flow USB Data Cable

It is a type of data cable that uses optical fiber to emit light. Featuring cool streaming light, visible current, trickle charging, intelligent speed control, strong and durable cable body, no fear of bending connectors, intelligent power outage protection, and metal copper core.

Applied to charging smart devices such as smartphones, ambient lighting in cars, in car charging, data transmission, etc

