

Heat Shrink Fiber Optic Splice Protector



1- CHARACTERISTICS:

Easy to use and quick to install.

Safely protect the optical fiber joint after welding.

Used to protect the joint of single-mode optical fiber with a shell diameter of 0.25 -:- 0.9 mm

2- STANDARD STRUCTURE:

There are 3 layers: Inner shell tube - Stainless steel core (stainless steel), silver color - Outer heat shrinkable shell tube.

Optical core heating tube, metal tube, protective heating tube.

Optical core heating tube: Tube made of Ethylene vinyl acetate, Sticks tightly to the optical fiber when melted, Transparent.

Metal bar to bear the load: Stainless steel, silver color. 1.0 ~ 1.5mm

Protective heating tube: Polyethylene tube, can shrink when heated. Transparent. 2 ends are tapered to prevent the heating tube from falling, the metal bar is resistant to force during transportation and operation

Ensure the outer diameter of all types of heat shrink tubes after heat storage $\leq 3.3\text{mm}$

3- PRODUCT SPECIFICATIONS

| TYPE | Length (mm) |
|--------|--------------|
| HS60-2 | 60 \pm 0.5 |
| HS40-2 | 40 \pm 0.5 |

4- TECHNICAL SPECIFICATIONS TABLE

| | | | |
|--|------------------------------------|-------------------------------------|-------------|
| Heat-shrink temperature | 90°C ~ 120°C | Maximum operating relative humidity | $\leq 90\%$ |
| Heat shrinkage rate in the center (%) | >50 % | Dielectric strength (kV/mm) | ≥ 20 |
| Heat shrinkage rate in the axial direction (%) | <3% | Tensile strength (Mpa) | 20 |
| Low temperature resistance properties | No cracking at -55°C after 4 hours | Attenuation at -40°C | 0.01dB |
| Normal operating temperature (°C) | - 40°C ~ + 65°C | Attenuation at +60°C, RH95% | 0.01dB |