Description

Optical fiber heat shrinkable plastic sleeve

-CE ROHS approved

-Excellent reinforcement of fusion splicing portion

-Reliable protection under any environment

Shrinkable sleeve is applied to the optical fiber closure to fix and protect the optical fiber when splicing. The sleeve can be divided into two types (single and mass) according to the function. The single type is used for the single-fiber, and the mass type is used for the ribbon fiber. It is different in the reinforcement between two types. The single one realizes the reinforcement by the stainless steel needles, the later one via the ceramic reinforcement member to realize the function. Mass means there are several cores for the fiber. So the mass sleeve includes 4cores,6cores,8cores,12cores (for types).

Shrinking Temperature (° C)	110 ~ 130
Radial Shrinking Rate (%)	>50
Axial Shrinking Rate (%)	<10
Low Temperature Property	No crackle at -55° C lasting 4 hours
Normal Operation Temperature (° C)	-55° C ~ + 135° C
Normal Operator Relative Humidity	≤95%
Spark- over Strength (kV/mm)	≥20
Tensile Strength (Mpa)	20
Loss at -40° C	0.03dB
Loss at +60° C RH95%	0.02dB

Standard (for Ribbon 45mm Length

Single Fiber (mm)

Splice Protection Sleeves (After Shrinkitng)	Fusion Tubing	Quartz or Ceramic Rod

Outer Diameter (±0.2)	Length (±1)	Inner Diameter (±0.1)	Length (±1)	Outer Diameter (±0.1)	Length (±1)
3	61	1.5	61	1.5	55
3	45	1.5	45	1.5	40
3	40	1.5	40	1.5	35
3	25	1.5	25	1.5	20
2.6	61	1.5	61	1.2	55
2.6	45	1.5	45	1.2	40
2.6	40	1.5	40	1.2	35
2.6	25	1.5	25	1.2	20
2.4	61	1.5	61	1	55
2.4	45	1.5	45	1	40
2.4	40	1.5	40	1	35
2.4	25	1.5	25	1	20
2.2	40	1.5	40	0.8	40
2.2	25	1.5	25	0.8	25
2.2	18	1.5	18	0.8	18
1.3	40	0.35	40	0.5	40
1.3	25	0.35	25	0.5	25
1.3	18	0.35	18	0.5	18