



XSSS 12-24-36

## Heat Shrink Straight Through Joint

upto 36 kV (for Single Core XLPE/EPR Insulated Cable)

- In house state-of-art compounding technology to provide maximum protection against tacking, corona discharge & dielectric stress.
- Minimises joiner's skills.
- The Products are carefully selected compositions of raw materials to meet the most stringent demands.
- We also offer tailor-made solutions against specific requirements.
- Continuous operation temperature-55°C to 120°C.
- Corrosion resistant and unlimited shelf life.
- High resistance to impact and abrasion.
- In compliance to various international specifications and standards (IEC-60502-4 / IS:13573).
- Electrolytic grade connectors.

**40**

Years of  
Experience

**35**

Countries  
Global  
Presence

**200**

Plus Skilled  
Manpower

**4**

World Class  
Manufacturing  
Facilities

**50**

Internationally  
Approved  
Products

**DENSONS** Heat Shrinkable Terminations and Straight Joints offer unsurpassed technical superiority. Using state-of-the-art manufacturing technology. Densons High Voltage products provide maximum protection against Tracking, Corona Discharge and Dielectric Stresses. Densons High Voltage Products are easily adaptable to cover a broad range of cable sizes, and conforming to various Internationally accepted standards such as **IS, VDE, IEC, IEEE**.

## Dimension Chart

Test Item of Heat Shrinkable Straight Through Joint as per IEC-60502-4 / IS:13573

Testing Items U o/U	6.35/11 kV	12.7/22 kV	19/33 kV
A/C withstand test	29kV, 5min, no flashover	58kV, 5min, no flashover	86kV, 5min, no flashover
Partial discharge test	11kV<10pc (Max.)	22kV<10pc (Max.)	33kV<10pc (Max.)
Thermal Cycles (63 cycles)	under95-100° C 16kV	under95-100° C 32kV	under95-100° C 48kV
Impulse voltage test	75kV no flashover	125kV no flashover	170kV no flashover
A/C with stand test	16kV, 15 min, no flashover	32kV, 15 min, no flashover	48kV, 15 min, no flashover

### Order Reference:

#### For 11 kV Straight Joints (for XLPE/EPR Insulated Cable)

11 kV 1 core Straight Through Joints	Cable Size (mm <sup>2</sup> )	Kit Code
	1 x 16 - 50	XSSS - 11
	1 x 70 - 120	XSSS - 12
	1 x 150 - 225	XSSS - 13
	1 x 240 - 300	XSSS - 14
	1 x 400 - 500	XSSS - 15
	1 x 630 - 1000	XSSS - 16

#### For 22 kV Straight Joints (for XLPE/EPR Insulated Cable)

22 kV 1 core Straight Through Joints	Cable Size (mm <sup>2</sup> )	Kit Code
	1 x 25 - 50	XSSS - 21
	1 x 70 - 150	XSSS - 22
	1 x 185 - 240	XSSS - 23
	1 x 300 - 500	XSSS - 24
	1 x 630 - 800	XSSS - 25
	1 x 1000	XSSS - 26

#### For 33 kV Straight Joints (for XLPE/EPR Insulated Cable)

33 kV 1 core Straight Through Joints	Cable Size (mm <sup>2</sup> )	Kit Code
	1 x 35 - 70	XSSS - 31
	1 x 95 - 150	XSSS - 32
	1 x 240 - 400	XSSS - 33
	1 x 500 - 630	XSSS - 34
	1 x 800 - 1000	XSSS - 35