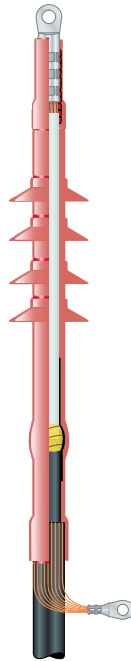


## YAMUNA DENSON Heat Shrink Cable Joints & Terminations

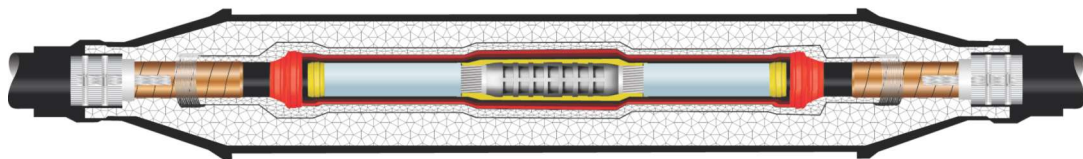
1 Core up to 36kV for XLPE/EPR Insulated Cable (11-22-33kV)

### XSES/XSOS/XSSS



#### Features :

- All key inputs are produced in-house
- Continuous operation temperature-55°C to 120°C
- Corrosion resistant and unlimited shelf life
- In compliance with IEC-60502-4 / IS-13573
- Electrolytic grade connectors



*Remember*



CESI



KEMA



## Specifications:

Test Item of Heat Shrinkable Straight Through Joint & Termination 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)	under 95-100° C 16kV	under 95-100° C 32kV	under 95-100° C 48kV
Impulse Voltage Test	75kV no flashover	125kV no flashover	170kV no flashover
A.C. Withstand Test	16kV, 15 min, no flashover	32kV, 15 min, no flashover	48kV, 15 min, no flashover
Humidity Test (Indoor)	No flashover, tracking erosion or mechanical damage occurred at 300hrs, 8kV	No flashover, tracking erosion or mechanical damage occurred at 300hrs, 16kV	No flashover, tracking erosion or mechanical damage occurred at 300hrs, 24kV
Salt Fog Test (Outdoor)	No flashover, tracking erosion or mechanical damage occurred at 1000hrs, 8kV no flashover, tracking	No flashover, tracking erosion or mechanical damage occurred at 1000hrs, 16kV no flashover, tracking	No flashover, tracking erosion or mechanical damage occurred at 1000hrs, 24kV no flashover, tracking

### Order Reference for Heat Shrink Termination Indoor & Outdoor 1 Core (for XLPE/EPR Insulated Cable)

Termination Type	Cable Cross Section (mm <sup>2</sup> )		Type No.	
	Cable Cross Section (mm <sup>2</sup> )	Type No.	Cable Cross Section (mm <sup>2</sup> )	Type No.
11 kV 1 Core Indoor Terminations	1 x 16 - 50	XSES - 11	1 x 25 - 50	XSOS - 11
	1 x 70 - 120	XSES - 12	1 x 70 - 120	XSOS - 12
	1 x 150 - 300	XSES - 13	1 x 150 - 300	XSOS - 13
	1 x 400 - 630	XSES - 14	1 x 400 - 630	XSOS - 14
	1 x 800 - 1000	XSES - 15	1 x 800 - 1000	XSOS - 15
22 kV, 1 core Indoor Terminations	1 x 16 - 50	XSES - 21	1 x 16 - 50	XSOS - 21
	1 x 70 - 150	XSES - 22	1 x 70 - 150	XSOS - 22
	1 x 185 - 300	XSES - 23	1 x 185 - 300	XSOS - 23
	1 x 400 - 630	XSES - 24	1 x 400 - 630	XSOS - 24
	1 x 800 - 1000	XSES - 25	1 x 800 - 1000	XSOS - 25
33 kV, 1 core Indoor Terminations	1 x 25 - 50	XSES - 31	1 x 25 - 50	XSOS - 31
	1 x 70 - 185	XSES - 32	1 x 70 - 185	XSOS - 32
	1 x 240 - 400	XSES - 33	1 x 240 - 400	XSOS - 33
	1 x 500 - 800	XSES - 34	1 x 500 - 800	XSOS - 34
	1 x 1000	XSES - 35	1 x 1000	XSOS - 35

### Order Reference for Heat Shrink Joints 1 Core (for XLPE/EPR Insulated Cable)

Termination Type	Cable Cross Section (mm <sup>2</sup> )		Type No.	
	Cable Cross Section (mm <sup>2</sup> )	Type No.	Cable Cross Section (mm <sup>2</sup> )	Type No.
11 kV, 1 core Straight Through Joints	1 x 16 - 50	XSSS - 11	1 x 25 - 50	XSSS - 21
	1 x 70 - 120	XSSS - 12	1 x 70 - 150	XSSS - 22
	1 x 150 - 225	XSSS - 13	1 x 185 - 240	XSSS - 23
	1 x 240 - 300	XSSS - 14	1 x 300 - 500	XSSS - 24
	1 x 400 - 500	XSSS - 15	1 x 630 - 800	XSSS - 25
	1 x 630 - 1000	XSSS - 16	1 x 1000	XSSS - 26
33 kV, 1 core Straight Through Joints	1 x 35 - 70	XSSS - 31		
	1 x 95 - 150	XSSS - 32		
	1 x 185 - 400	XSSS - 33		
	1 x 500 - 630	XSSS - 34		
	1 x 800 - 1000	XSSS - 35		