

YAMUNA DENSONS Cold Shrink Cable Joints & Terminations

4 Core, 0.6/1 kV for XLPE/PVC Insulated Cable.

DCSI/DCSO/DCSJ



Features:

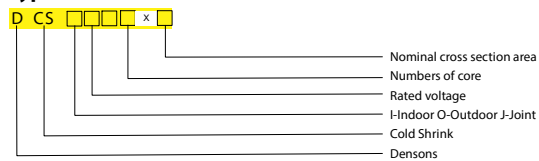
- Simple Structure, pre-fabricated, & factory tested
- Ready to use and easy to install
- Minimises joiner's skills
- Made from LSR, delivering better Electrical and Outdoor Performance
- Small size, no need of expansion, high efficiency

Specifications:

Test Item of 0.6/1 kV Cold Shrink Straight through Joint & Termination

Testing Items U o/U	0.6/1 kV
A.C. Withstand Test	4kV, 5min
Partial Discharge Test	1 kV<10pc (Max.)
Thermal Cycles (63 cycles)	under 95-100° C 16kV
Impulse Voltage Test	8 kV

Type of Terminations



Order Reference for Cold Shrink Terminations Indoor and Outdoor 4 Core (for XLPE/PVC Cable)

0.6/1 kV, 4 core Indoor Terminations	Cable Cross Section (mm ²)	Type No.	0.6/1 kV, 4 core Outdoor Terminations	Cable Cross Section (mm ²)	Type No.
	25 - 50	DCSI 1 - 4 X 1		25 - 50	DCSO 1 - 4 X 1
70 - 120	DCSI 1 - 4 X 2	70 - 120	DCSO 1 - 4 X 2		
150 - 240	DCSI 1 - 4 X 3	150 - 240	DCSO 1 - 4 X 3		
300 - 400	DCSI 1 - 4 X 4	300 - 400	DCSO 1 - 4 X 4		

Order Reference for Cold Shrink Joints 4 Core (for XLPE/PVC Cable)

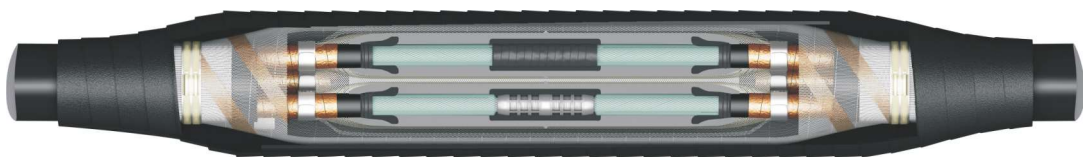
0.6/1 kV, 4 core Straight Through Joints	Cable Cross Section (mm ²)	Type No.
	25 - 50	DCSJ 1 - 4 X 1
70 - 120	DCSJ 1 - 4 X 2	
150 - 240	DCSJ 1 - 4 X 3	
300 - 400	DCSJ 1 - 4 X 4	

YAMUNA DENSON'S Cold Shrink Cable Joints & Terminations
 1 & 3 Core up to 36kV for **XLPE/EPR Insulated Cable** (11-22-33kV)
DCSI/DCSO/DCSJ



Features :

- Simple Structure, pre-fabricated, & factory tested
- Ready to use and easy to install
- Minimises jointer's skills
- Made from LSR, delivering better Electrical and Outdoor Performance
- In compliance with IEC-60502-4 / IS:13573



Resilient



CESI



KEMA

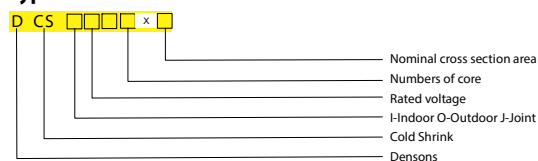


Specifications:

Test Item of Cold Shrink 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

Type of Terminations



Order Reference for Cold Shrink Terminations Indoor and Outdoor 3 Core (for XLPE Cable)

	Cable Cross Section (mm ²)	Type No.		Cable Cross Section (mm ²)	Type No.
11 kV, 3 core Indoor Terminations	25 - 50	DCSI 11 - 3 X 1	11 kV, 3 core Outdoor Terminations	25 - 50	DCSO 11 - 3 X 1
	70 - 120	DCSI 11 - 3 X 2		70 - 120	DCSO 11 - 3 X 2
	150 - 240	DCSI 11 - 3 X 3		150 - 240	DCSO 11 - 3 X 3
	300 - 500	DCSI 11 - 3 X 4		300 - 500	DCSO 11 - 3 X 4
22 kV, 3 core Indoor Terminations	35 - 70	DCSI 22 - 3 X 1	22 kV, 3 core Outdoor Terminations	35 - 70	DCSO 22 - 3 X 1
	95 - 150	DCSI 22 - 3 X 2		95 - 150	DCSO 22 - 3 X 2
	185 - 300	DCSI 22 - 3 X 3		185 - 300	DCSO 22 - 3 X 3
	400 - 630	DCSI 22 - 3 X 4		400 - 630	DCSO 22 - 3 X 4
33 kV, 3 core Indoor Terminations	50 - 95	DCSI 33 - 3 X 1	33 kV, 3 core Outdoor Terminations	50 - 95	DCSO 33 - 3 X 1
	120 - 185	DCSI 33 - 3 X 2		120 - 185	DCSO 33 - 3 X 2
	240 - 400	DCSI 33 - 3 X 3		240 - 400	DCSO 33 - 3 X 3
	500 - 630	DCSI 33 - 3 X 4		500 - 630	DCSO 33 - 3 X 4

Order Reference for Cold Shrink Joints 1 & 3 Core (for XLPE Cable)

	Cable Cross Section (mm ²)	Type No.		Cable Cross Section (mm ²)	Type No.
11 kV, 1 core Straight Through Joints	50 - 70	DCSJ 11 - 1 X 1	11 kV, 3 core Straight Through Joints	50 - 70	DCSJ 11 - 3 X 1
	95 - 150	DCSJ 11 - 1 X 2		95 - 150	DCSJ 11 - 3 X 2
	185 - 300	DCSJ 11 - 1 X 3		185 - 300	DCSJ 11 - 3 X 3
	400 - 630	DCSJ 11 - 1 X 4		400	DCSJ 11 - 3 X 4
22 kV, 1 core Straight Through Joints	35 - 70	DCSJ 22 - 1 X 1	22 kV, 3 core Straight Through Joints	35 - 70	DCSJ 22 - 3 X 1
	95 - 150	DCSJ 22 - 1 X 2		95 - 150	DCSJ 22 - 3 X 2
	185 - 300	DCSJ 22 - 1 X 3		185 - 300	DCSJ 22 - 3 X 3
	400 - 630	DCSJ 22 - 1 X 4		400 - 630	DCSJ 22 - 3 X 4
33 kV, 1 core Straight Through Joints	50 - 95	DCSJ 33 - 1 X 1	33 kV, 3 core Straight Through Joints	50 - 95	DCSJ 33 - 3 X 1
	120 - 185	DCSJ 33 - 1 X 2		120 - 185	DCSJ 33 - 3 X 2
	240 - 400	DCSJ 33 - 1 X 3		240 - 400	DCSJ 33 - 3 X 3
	500 - 630	DCSJ 33 - 1 X 4		500	DCSJ 33 - 3 X 4