



## CSJT

### Silicone cold-shrink joint with integrated stress control for XLPE cables up to 36 kV

#### General Description

Raychem CSJT Series of cold shrink joint offers a reliable, fast and easy to install jointing system to maintain a highly reliable network. A silicone rubber joint body with integrated geometrical stress cone and faraday cage provides excellent electrical stress control. CSJT kit are designed to cover a wide range of applications covering all available types of armouring and cable screens standard kit are supplied with a resin injected re-jacketing system.

Alternate heat shrink and cold shrink re-jacketing system is available upon required.

#### Features & Benefits

- Pre-expanded, single piece silicone rubber joint body with high mechanical expansion capability allows a wide application range
- Electrical stress control of the screen cut area by integrated conductive geometrical stress cones
- Electrical stress control of the connector area by an integrated screened connection area (Faraday cage)
- Proven shield continuity concept
- The tape and resin outer sealing and protection system provides a reliable moisture seal, corrosion prevention and effective impact resistance
- CSJT joints can be supplied with compression connectors or Raychem mechanical BSM connectors
- CSJT joints can be modified for different armour types and/or wire shield cables.
- CSJT joints can be applied with alternate re-jacketing system
- Pre-expansion on a easy-to-install spiral holdout system
- CENELEC HD 629.1, requirements which include IEC and IEC60

### Selection Information: dimensions shown in millimeters

Note: (\*) is available kit for Vietnam

#### 24 kV 3-Core cable

Cross-section (mm <sup>2</sup> )	Kit description	Diameter over insulation(mm)	Comment
50-95	CSJT-24-5095-T-VN01 (*)	21-26	Tape/wire shielded, armoured
120-240	CSJT-24-1224-T-VN01 (*)	26-32	Tape/wire shielded, armoured
300-400	CSJT-24-3040-T-VN01 (*)	27-35	Tape/wire shielded, armoured

#### 24 kV 1-Core cable

Cross-section (mm <sup>2</sup> )	Kit description	Diameter over insulation(mm)	Comment
35-95	CSJT-24-3595-SC (*)	21-26	Tape shielded, unarmoured
150-240	CSJT-24-1524-T-SC (*)	26-32	Tape shielded, unarmoured
300	CSJT-24-300-T-SC (*)	27-34	Tape shielded, unarmoured
400	CSJT-24-400-T-SC (*)	30-38	Tape shielded, unarmoured

#### 35 (36) kV 3-Core cable

Cross-section (mm <sup>2</sup> )	Kit description	Diameter over insulation(mm)	Comment
50-150	CSJT-35-5015 (*)	21-28	Without mechanical connector
95-150	CSJT-35-9515M (*)	21-28	Tape shielded, unarmoured
120-300	CSJT-36-1230-T-VN01 (*)	23-37	Tape shielded, armoured
185-300	CSJT-35-1830M (*)	25-37	Tape shielded, unarmoured
185-400	CSJT-35-1840 (*)	29-40	Without mechanical connector

#### 35 (36) kV 1-Core cable

Cross-section (mm <sup>2</sup> )	Kit description	Diameter over insulation(mm)	Comment
50-150	CSJT-35-5015-SC (*)	21-28	Tape shielded, unarmoured
185-400	CSJT-35-1840-SC (*)	26-40	Tape shielded, unarmoured

The application range given in the table is based on polymeric insulated cable according to IEC 60502 standard with stranded circular conductors.

Due to different conductor shape or dimensions and cable constructions the minimum and maximum application range may be extendable. Please contact your local sales representative.