

GCSSJ

Cold Shrink Joint

Features

- ⊙ *Applying to cold area, humid area, salt mist area and seriously polluted area.*
- ⊙ *Special outer sheaths are available on request, such as heat shrink tubing, cast resin, armoring tape, etc.*
- ⊙ *RoHS compliant*



Key technical performances

Standard	IEC 60502				
Voltage classes	6/10(12)kV	8.7/15(17.5)kV	12/20(24)kV	18/30(36)kV	26/35(40.5)kV
Partial discharge test at ambient temperature	10kV, <10pC	15kV, <10pC	20kV, <10pC	30kV, <10pC	45kV, <10pC
AC withstand voltage test	27kV 5min	39kV 5min	54kV 5min	81kV 5min	117kV 5min
Impulse voltage withstand	±75kV each polarity 10 times	±95kV each polarity 10 times	±125kV each polarity 10 times	±170kV each polarity 10 times	±200kV each polarity 10 times

Ordering information

Ordering description	Specify details as follows (for example, GCSSJ 24kV/3C 70mm ² CWS, Alu Cable)
	Screen Type: CWS or CTS
	Armor Type: SWA or STA

Selection table

Joint	Cable Insulation OD(mm)	Cable Conductor Cross-section(mm ²)
6/10(12)kV		
1x1 core		
GCSSJ-12-7095-1	16.5mm-19.7mm	70mm ² -95mm ²
GCSSJ-12-1215-1	19.7mm-23.5mm	120mm ² -150mm ²
GCSSJ-12-1830-1	22.5mm-31.3mm	185mm ² -300mm ²
GCSSJ-12-4063-1	28.9mm-38.0mm	400mm ² -630mm ²
1x3 cores		
GCSSJ-12-7095	16.5mm-19.7mm	70mm ² -95mm ²
GCSSJ-12-1215	19.7mm-23.5mm	120mm ² -150mm ²
GCSSJ-12-1830	22.5mm-31.3mm	185mm ² -300mm ²
GCSSJ-12-4063	28.9mm-38.0mm	400mm ² -630mm ²
8.7/15(17.5)kV		
1x1 core		
GCSSJ-17.5-2550-1	16.5mm-19.7mm	25mm ² -50mm ²
GCSSJ-17.5-7012-1	19.7mm-23.5mm	70mm ² -120mm ²
GCSSJ-17.5-1530-1	22.5mm-31.3mm	150mm ² -300mm ²
GCSSJ-17.5-4050-1	28.9mm-38.0mm	400mm ² -500mm ²
GCSSJ-17.5-630-1	38.0mm-44.1mm	630mm ²
1x3 cores		
GCSSJ-17.5-2550	16.5mm-19.7mm	25mm ² -50mm ²
GCSSJ-17.5-7012	19.7mm-23.5mm	70mm ² -120mm ²
GCSSJ-17.5-1530	22.5mm-31.3mm	150mm ² -300mm ²
GCSSJ-17.5-4050	28.9mm-38.0mm	400mm ² -500mm ²
GCSSJ-17.5-630	38.0mm-44.1mm	630mm ²
12/20(24)kV		
1x1 core		
GCSSJ-24-3550-1	19.7mm-23.5mm	35mm ² -50mm ²
GCSSJ-24-7015-1	22.5mm-31.3mm	70mm ² -150mm ²
GCSSJ-24-1840-1	28.9mm-38.0mm	185mm ² -400mm ²
GCSSJ-24-5063-1	38.0mm-44.1mm	500mm ² -630mm ²
1x3 cores		
GCSSJ-24-3550	19.7mm-23.5mm	35mm ² -50mm ²
GCSSJ-24-7015	22.5mm-31.3mm	70mm ² -150mm ²
GCSSJ-24-1840	28.9mm-38.0mm	185mm ² -400mm ²
GCSSJ-24-5063	38.0mm-44.1mm	500mm ² -630mm ²
18/30(36)kV		
1x1 core		
GCSSJ-36-5015-1	25.9mm-33.9mm	50mm ² -150mm ²
GCSSJ-36-1830-1	33.7mm-41.3mm	185mm ² -300mm ²
GCSSJ-36-4050-1	41.3mm-47.0mm	400mm ² -500mm ²
GCSSJ-36-630-1	47.0mm-53.5mm	630mm ²
1x3 cores		
GCSSJ-36-5015	25.9mm-33.9mm	50mm ² -150mm ²
GCSSJ-36-1830	33.7mm-41.3mm	185mm ² -300mm ²
GCSSJ-36-4050	41.3mm-47.0mm	400mm ² -500mm ²
GCSSJ-36-630	47.0mm-53.5mm	630mm ²
26/35(40.5)kV		
1x1 core		
GCSSJ-40.5-5015-1	33.7mm-41.6mm	50mm ² -150mm ²
GCSSJ-40.5-1830-1	41.3mm-47.0mm	185mm ² -300mm ²
GCSSJ-40.5-4063-1	47.0mm-53.5mm	400mm ² -630mm ²
1x3 cores		
GCSSJ-40.5-5015	33.7mm-41.6mm	50mm ² -150mm ²
GCSSJ-40.5-1830	41.3mm-47.0mm	185mm ² -300mm ²
GCSSJ-40.5-4063	47.0mm-53.5mm	400mm ² -630mm ²

*NOTE:

1. Cable insulation outer diameter is one of the prerequisite for Cable accessories selection.
2. Above product selection is according to the IEC standard cable.
3. Above product outer sheath is complete with heat shrinkable tubing.