

RSWY-3

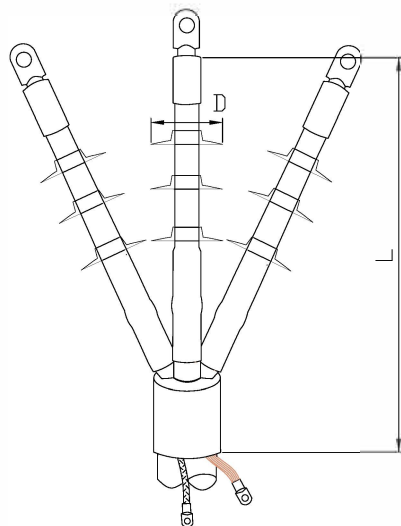
Outdoor termination for screened, 3-core polymeric insulated cables 6kV, 10kV, 20kV, 30kV and 35kV



The outdoor termination is designed for screened three core polymeric insulated MV cables up to 35kV.

Yellow stress relief mastic is laid around the end of the screen cut.

Stress control tube, together with stress relief mastic, is used to smooth out the electrical field at the cable screen end. All phase cores are covered with anti-tracking insulation tube and sealing tube. Anti-tracking rain sheds lengthen surface creepage distance to ensure safety. The crutch area is sealed and protected with an adhesive-coated breakout which is installed over the cores and the end of oversheath.



Nominal voltage $U_0/U(U_m)$	Cross section (mm ²)	Kit No.	Dimensions(mm)		No. of rain sheds
			L	D	
3.6 / 6(7.2)kV	25-50	6kVRSWY-3/1	900	105	6
	70-120	6kVRSWY-3/2		105	
	150-240	6kVRSWY-3/3		105	
	300-400	6kVRSWY-3/4		105	
	500-630	6kVRSWY-3/5		140	
6 / 10(12)kV 6.35 / 11(12)kV 8.7 / 15(17.5)kV	25-50	10kVRSWY-3/1	900	105	6
	70-120	10kVRSWY-3/2		105	
	150-240	10kVRSWY-3/3		105	
	300-400	10kVRSWY-3/4		105	
	500-630	10kVRSWY-3/5		140	
12 / 20(24)kV 12.7 / 22(24)kV	35-50	20kVRSWY-3/1	900	105	12
	70-120	20kVRSWY-3/2		105	
	150-240	20kVRSWY-3/3		105	
	300-400	20kVRSWY-3/4		140	
	500-630	20kVRSWY-3/5		140	
18 / 30(36)kV 19 / 33(36)kV	35-50	30kVRSWY-3/1	1100	105	18
	70-120	30kVRSWY-3/2		105	
	150-240	30kVRSWY-3/3		140	
	300-400	30kVRSWY-3/4		140	
	500-630	30kVRSWY-3/5		140	
20.8 / 36(42)kV 26 / 35(42)kV	50	35kVRSWY-3/1	1100	140	18
	70-120	35kVRSWY-3/2		140	
	150-240	35kVRSWY-3/3		140	
	300-400	35kVRSWY-3/4		140	
	500-630	35kVRSWY-3/5		140	

Note:

1. Lugs need to be ordered separately.
2. RSWY-3 is for cables with copper wire screen without armour.
3. For cables with other construction, please order kits separately.

RSJ

Heat Shrink Joints for LV Cables



Joint Kit for LV 4-Core Cable

The joints are designed for 1-, 2-, 3-, 4- and 5-core cables with or without armour. The joints are also applicable to 3+1, 4+1 and 3+2 cables.

The connectors are insulated and sealed with adhesive coated insulation tubes. The outer tube provides mechanical protection and chemical resistance as expected from cable oversheath. All joints are designed to allow crossing of cable cores.

Selection Table

Voltage $U_0/U(U_m)$	Cores	Cross Section/mm ²	Kit No.
0.6/1(1.2)kV	4, 5, 3, 2, 1	4-6	0.6/1kVRSJ-4(5,3,2)/(-1)
		10-16	0.6/1kVRSJ-4(5,3,2)/0
		25-50	0.6/1kVRSJ-4(5,3,2,1)/1
		70-120	0.6/1kVRSJ-4(5,3,2,1)/2
		150-240 300-400	0.6/1kVRSJ-4(5,3,2,1)/3 0.6/1kVRSJ-4(5,3,2,1)/4

Note:

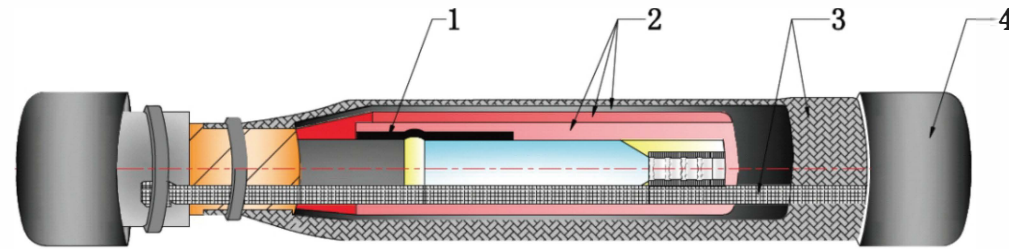
1. Joints and components for other cable types are available on request.
2. Solderless earth connection system for armoured cables is available on request.
3. Connectors and other accessories need to be ordered separately.

RSJY

Heat Shrink Joints For MV Cables Up To 42kV

Design of Joint

The joints are designed for MV screened, 1-core polymeric insulated cables with or without armour. The same design principles are used for 3-core cables.



1. Electrical stress control

Stress control tube, together with stress relief mastic, is used to smooth out the electrical field at the cable screen ends.

2. Insulation and screen

Heat shrink insulation tube delivers consistent insulation thickness to meet or exceed that of the cable.

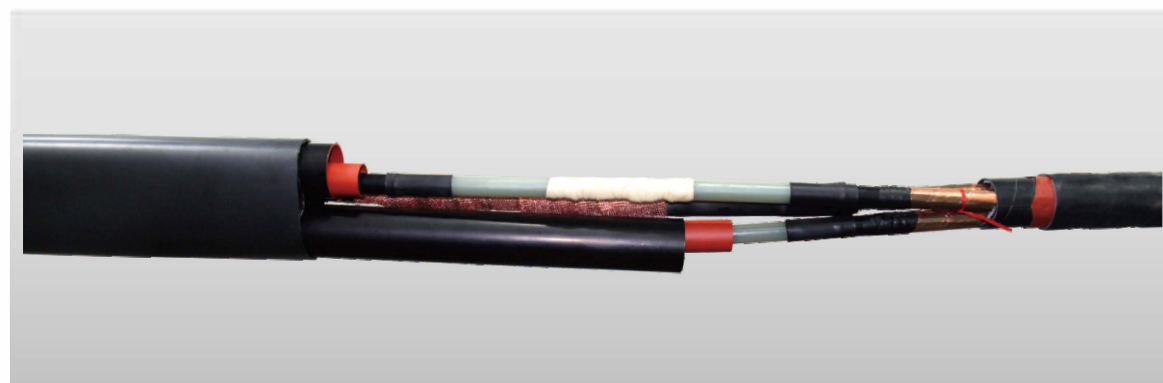
Heat shrink semi-conductive /insulation dual layer tube is also adopted to help ensure a void-free interface between the insulation and screen.

3. Metallic shielding

Copper mesh wrapped around the joint area rebuilds the metallic screen. Either soldering or solderless earth connection is available to provide screen continuity across the joint.

4. Outer sealing and protection

The outer sealing and protection is performed by an adhesive coated heat shrink tube. It provides mechanical protection and chemical resistance as expected from cable oversheath.

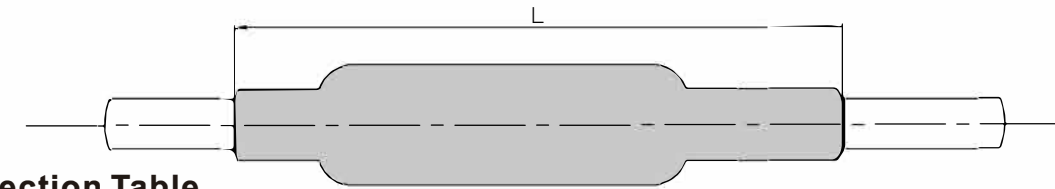


RSJY-1

Straight joint for screened, 1-core polymeric insulated cables 6kV, 10kV, 20kV, 30kV and 35kV

The joint is designed for screened single core polymeric insulated MV cables up to 35kV.

Stress control tube, together with stress relief mastic, is used to smooth out the electrical field at the cable screen ends. Heat shrink insulation tube delivers consistent insulation thickness over the core insulation. Heat shrink dual layer tube is adopted to help ensure a void-free interface between the insulation and screen. Copper mesh wrapped around the joint area rebuilds the metallic screen. Either soldering or solderless earth connection is available to provide screen continuity across the joint. The outer sealing and protection is performed by an adhesive coated heat shrink tube.



Selection Table

Nominal voltage $U_i/U(U_m)$	Cross section (mm ²)	Kit No.	L Dimensions(mm)
3.6 / 6(7.2)kV	25-50	6kVRSJY-1/1	1000
	70-120	6kVRSJY-1/2	1000
	150-240	6kVRSJY-1/3	1000
	300-400	6kVRSJY-1/4	1000
	500-630	6kVRSJY-1/5	1000
	800-1000	6kVRSJY-1/6	1000
	1200	6kVRSJY-1/7	1000
6 / 10(12)kV 6.35 / 11(12)kV 8.7 / 15(17.5)kV	25-50	10kVRSJY-1/1	1000
	70-120	10kVRSJY-1/2	1000
	150-240	10kVRSJY-1/3	1000
	300-400	10kVRSJY-1/4	1000
	500-630	10kVRSJY-1/5	1000
	800-1000	10kVRSJY-1/6	1000
	1200	10kVRSJY-1/7	1000
12 / 20(24)kV 12.7 / 22(24)kV	35-50	20kVRSJY-1/1	1000
	70-120	20kVRSJY-1/2	1000
	150-240	20kVRSJY-1/3	1000
	300-400	20kVRSJY-1/4	1200
	500-630	20kVRSJY-1/5	1200
	800-1000	20kVRSJY-1/6	1200
	1200	20kVRSJY-1/7	1200
18 / 30(36)kV 19 / 33(36)kV	35-50	30kVRSJY-1/1	1400
	70-120	30kVRSJY-1/2	1400
	150-240	30kVRSJY-1/3	1400
	300-400	30kVRSJY-1/4	1400
	500-630	30kVRSJY-1/5	1400
	800-1000	30kVRSJY-1/6	1400
	1200	30kVRSJY-1/7	1400
20.8 / 36(42)kV 26 / 35(42)kV	50	35kVRSJY-1/1	1400
	70-120	35kVRSJY-1/2	1400
	150-240	35kVRSJY-1/3	1400
	300-400	35kVRSJY-1/4	1500
	500-630	35kVRSJY-1/5	1500
	800-1000	35kVRSJY-1/6	1500
	1200	35kVRSJY-1/7	1500

Note:

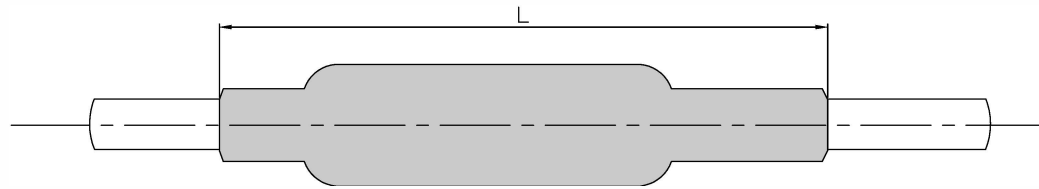
1. Connectors need to be ordered separately.
2. RSJY-1 is for cables with copper wire screen without armour.
3. For cables with other construction, please order kits separately.

RSJY-3

Straight joint for screened, 3-core polymeric insulated cables 6kV, 10kV, 20kV, 30kV and 35kV

The joint is designed for screened three core polymeric insulated MV cables up to 35kV.

Stress control tube, together with stress relief mastic, is used to smooth out the electrical field at the cable screen ends. Heat shrink insulation tube delivers consistent insulation thickness over the core insulation. Heat shrink dual layer tube is adopted to help ensure a void-free interface between the insulation and screen. Copper mesh wrapped around the joint area rebuilds the metallic screen. Either soldering or solderless earth connection is available to provide screen continuity across the joint. The outer sealing and protection is performed by an adhesive coated heat shrink tube.



Selection Table

Nominal voltage $U_i/U(U_m)$	Cross section (mm ²)	Kit No.	L Dimensions(mm)
3.6 / 6(7.2)kV	25-50	6kVRSJY-3/1	1800
	70-120	6kVRSJY-3/2	1800
	150-240	6kVRSJY-3/3	1800
	300-400	6kVRSJY-3/4	1800
	500-630	6kVRSJY-3/5	1800
6 / 10(12)kV 6.35 / 11(12)kV 8.7 / 15(17.5)kV	25-50	10kVRSJY-3/1	1800
	70-120	10kVRSJY-3/2	1800
	150-240	10kVRSJY-3/3	1800
	300-400	10kVRSJY-3/4	1800
	500-630	10kVRSJY-3/5	1800
12 / 20(24)kV 12.7 / 22(24)kV	35-50	20kVRSJY-3/1	1800
	70-120	20kVRSJY-3/2	1800
	150-240	20kVRSJY-3/3	1800
	300-400	20kVRSJY-3/4	2600
	500-630	20kVRSJY-3/5	2600
18 / 30(36)kV 19 / 33(36)kV	35-50	30kVRSJY-3/1	2700
	70-120	30kVRSJY-3/2	2700
	150-240	30kVRSJY-3/3	2700
	300-400	30kVRSJY-3/4	2700
	500-630	30kVRSJY-3/5	2700
20.8 / 36(42)kV 26 / 35(42)kV	50	35kVRSJY-3/1	2700
	70-120	35kVRSJY-3/2	2700
	150-240	35kVRSJY-3/3	2700
	300-400	35kVRSJY-3/4	2800
	500-630	35kVRSJY-3/5	2800

Note:

1. Connectors need to be ordered separately.
2. RSJY-3 is for cables with copper wire screen without armour.
3. For cables with other construction, please order kits separately.

WRSJG

Heat Shrink Anti-tracking Insulation Tube



- Manufactured from cross linked polyolefin, inner coated with adhesive at one end
- Protecting against accidental flashover
- Used in medium voltage cable terminations up to 42 kV
- Shrink temperature: start at 90°C, and fully recovered at 130°C
- Color: red

Selection Table

Product No.	Inner Diameter/mm		After Recovered Wall Thickness (±0.2)/mm	Standard Cut Length /mm	Standard Continuous Length (m/roll)
	As Supplied (Min)	After Recovered (Max)			
10kV WRSJG-30/12	30	12	2.2	600-1200	25
10kV WRSJG-35/14	35	14	2.3	600-1200	25
10kV WRSJG-38/17	38	17	2.3	600-1200	25
10kV WRSJG-50/22	50	22	2.4	600-1200	25
10kV WRSJG-55/24	55	24	3.2	600-1200	15
10kV WRSJG-70/29	70	29	3.2	600-1200	15
10kV WRSJG-80/35	80	35	3.2	600-1200	15
20kV WRSJG Series					
20kV WRSJG-35/14	35	14	3.0	600-1200	25
20kV WRSJG-38/15	38	15	3.0	600-1200	25
20kV WRSJG-50/19	50	19	3.0	600-1200	25
20kV WRSJG-55/24	55	24	3.2	600-1200	15
20kV WRSJG-60/26	60	26	3.2	600-1200	15
20kV WRSJG-70/29	70	29	3.2	600-1200	15
20kV WRSJG-80/35	80	35	3.2	600-1200	15
20kV WRSJG-89/41	89	41	3.5	600-1200	15