

热缩电缆附件

Section B

Heat Shrinkable Cable Accessories



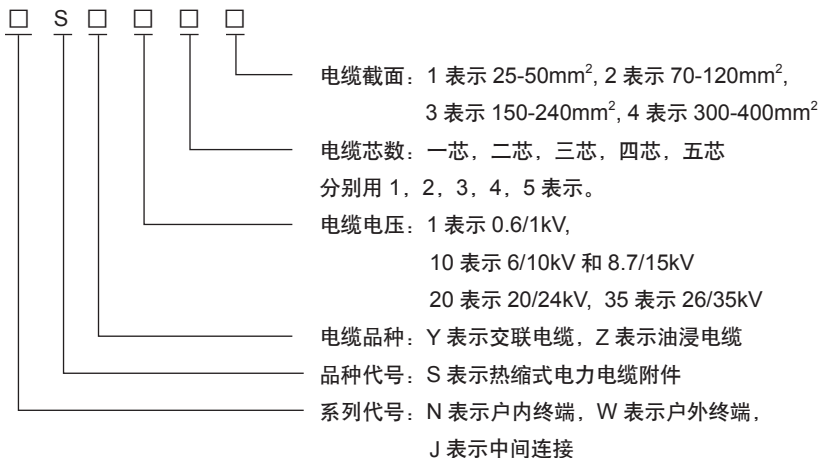
热缩电缆终端、中间接头

Heat Shrinkable Termination Kit and Straight Through Joint

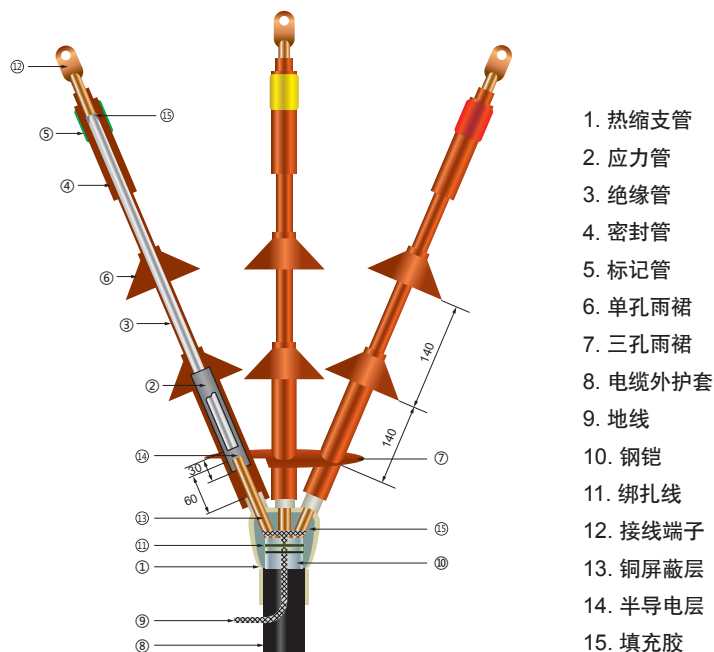
辐射交联热收缩型电缆附件，是国内电缆附件行业中的新产品，具有体积小、重量轻、性能可靠、适应性强、安装简便和价格便宜等特点。适用于各种电力电缆（交联电缆、塑料电缆和油浸电缆）的户内、户外终端、中间连接以及通信电缆连接、绝缘和各个领域的输配电工程。

Radiation co-connection heat-shrinkable cable accessories is the newest product of the national cable accessories industry. The product is the dimension, light in the weight, reliable performance, powerful adaptation, easily installation and low price. It is widely used in the inside-and-outside direct and intermediate terminal connection of every kinds of power cable including co-connection cable, plastics cable and oil-immersed cable. It also can be used as the connection accessories of the communication cable and the insulated protection. It is widely used in power supply of the power, petroleum and chemical industry, metallurgy and mine, construction and shipbuilding.

产品型号及含义



热缩电缆附件 Heat Shrinkable Cable Accessories



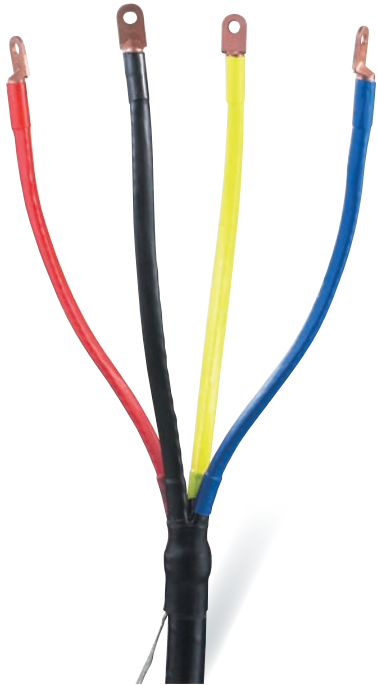
1kV 热缩电缆终端、中间接头

1kV Heat Shrinkable Termination Kit and Straight Through Joint

特点 Features:

适用于 0.6/1kV 单芯、二芯、三芯、四芯、五芯聚氯乙烯、交联聚乙烯、橡塑电力电缆的终端接头及中间连接，具有良好的电气性能和机械性能。

For 0.6/1kV 1 core, 2 cores, 3 cores, 4 cores, 5 cores PVC and XLPE power cable termination kit and straight through joint, with good electrical and mechanical properties.



技术数据 Technical Data:

材料名称 Material name	性能 Property	参数 Parameter
主要热缩材料 Heat shrinkable material	硬度邵氏 Shoe hardness (A)	84 ± 3
	抗拉强度 Tensile strength (Mpa)	≥ 12
	收缩温度 Shrinkable temperature (°C)	120-130
绝缘管 Insulation tubing	体积电阻率 Volume resistance (Ω.cm)	≥ 1 × 10 ¹⁴
	击穿强度 Dielectric strength (kV/mm)	≥ 20
径向收缩率 Radial shrinkable ratio		2.5:1
纵向收缩率 Longitudinal shrinkable ratio (%)		± 5
工频长期耐压 Power frequency long-time withstand voltage (kV/4h)		2.4
工频干态耐压 Power frequency dry-state withstand voltage (kV/5min)		4

选型尺寸 Product Dimensions:

适用电缆截面 mm ² For cable cross section		电缆芯数 Cable cores				
		一芯 Single core	二芯 Two cores	三芯 Three cores	四芯 Four cores	五芯 Five cores
终端接头 Termination kit	10,16	SY-1/1.0	SY-1/2.0	SY-1/3.0	SY-1/4.0	SY-1/5.0
	25,35,50	SY-1/1.1	SY-1/2.1	SY-1/3.1	SY-1/4.1	SY-1/5.1
	70,95,120	SY-1/1.2	SY-1/2.2	SY-1/3.2	SY-1/4.2	SY-1/5.2
	150,185,240	SY-1/1.3	SY-1/2.3	SY-1/3.3	SY-1/4.3	SY-1/5.3
	300,400	SY-1/1.4	SY-1/2.4	SY-1/3.4	SY-1/4.4	SY-1/5.4
中间连接 Straight through joint	10,16	JSY-1/1.0	JSY-1/2.0	JSY-1/3.0	JSY-1/4.0	JSY-1/5.0
	25,35,50	JSY-1/1.1	JSY-1/2.1	JSY-1/3.1	JSY-1/4.1	JSY-1/5.1
	70,95,120	JSY-1/1.2	JSY-1/2.2	JSY-1/3.2	JSY-1/4.2	JSY-1/5.2
	150,185,240	JSY-1/1.3	JSY-1/2.3	JSY-1/3.3	JSY-1/4.3	JSY-1/5.3
	300,400	JSY-1/1.4	JSY-1/2.4	JSY-1/3.4	JSY-1/4.4	JSY-1/5.4

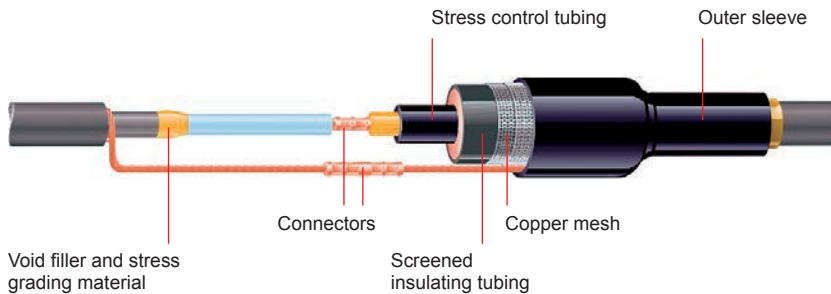
8.7/15kV 热缩电缆终端、中间接头

8.7/15kV Heat Shrinkable Termination Kit and Straight Through Joint

特点 Features:

适用于 6/10kV 和 8.7/15kV 的单芯、三芯聚氯乙烯、交联聚乙烯、橡塑电力电缆的终端接头及中间连接，具有良好的电气性能和机械性能。

For 6/10kV and 8.7/15kV single core or 3 cores PVC and XLPE power cable termination kit and straight through joint, with good electrical and mechanical properties.



- Tinned copper braid
- Solder + flux
- Silicone grease
- Cleaning tissue
- Abrasive strip
- Mastic tape
- Glove
- Installation instruction manual
- Breakout
- Anti-tracking tube
- Stress control tube
- Rain shed
- Lugs sealing tube
- Outer jacket sleeve tube
- Tinned copper mesh
- Worm drive clips
- Roll spring
- Stress control mastic
- Dual wall tube(black+red)
- Steel armour case



技术数据 Technical Data:

项目 Property	参数 Parameter	评定 Evaluation
工频干态耐压 Power frequency dry-state withstand voltage (kV/5min)	39	不闪络，不击穿 No flash and breakdown
工频湿态耐压 Power frequency damp-state withstand voltage (kV/5min)	39	不闪络，不击穿 No flash and breakdown
工频长期耐压 Power frequency long-time withstand voltage (kV/4h)	35	不闪络，不击穿 No flash and breakdown
冲击耐压 Surge withstand voltage (kV/1.2/50 μ s $\pm$ 10 次)	105	不击穿 No breakdown
直流耐压 DC withstand voltage (kV/15min)	52	不闪络，不击穿 No flash and breakdown
局部放电 Part discharge (kV.pc/1.5u ₀)	10	通过 Pass

选型尺寸 Product Dimensions:

适用电缆截面 mm ² For cable cross section	户内终端 Indoor termination kit		户外终端 Outdoor termination kit		中间连接 Straight through joint	
	一芯 Single core	三芯 Three cores	一芯 Single core	三芯 Three cores	一芯 Single core	三芯 Three cores
25,35,50	NSY-10/1.1	NSY-10/3.1	WSY-10/1.1	WSY-10/3.1	JSY-10/1.1	JSY-10/3.1
70,95,120	NSY-10/1.2	NSY-10/3.2	WSY-10/1.2	WSY-10/3.2	JSY-10/1.2	JSY-10/3.2
150,185,240	NSY-10/1.3	NSY-10/3.3	WSY-10/1.3	WSY-10/3.3	JSY-10/1.3	JSY-10/3.3
300,400	NSY-10/1.4	NSY-10/3.4	WSY-10/1.4	WSY-10/3.4	JSY-10/1.4	JSY-10/3.4

20/24kV 热缩电缆终端、中间接头

20/24kV Heat Shrinkable Termination Kit and Straight Through Joint

特点 Features:

适用于 20/24kV 的单芯、三芯聚氯乙烯、交联聚乙烯、橡塑电力电缆的终端接头及中间连接，具有良好的电气性能和机械性能。

For 20/24kV single core or 3 cores PVC and XLPE power cable termination kit and straight through joint, with good electrical and mechanical properties.



- Tinned copper braid
- Mastic tape
- Silicone grease
- Cleaning tissue
- Abrasive strip
- Glove
- Installation instruction manual
- Anti tracking breakout
- Anti-tracking tube
- Stress control tube
- Rain shed
- Lugs sealing tube
- Outer jacket sleeve tube
- Tinned copper mesh
- Worm drive clips
- Roll spring
- Stress control mastic
- Dual wall tube(black+red)
- Steel armour case



技术数据 Technical Data:

项目 Property	参数 Parameter	评定 Evaluation
工频干态耐压 Power frequency dry-state withstand voltage (kV/5min)	54	不闪络，不击穿 No flash and breakdown
工频湿态耐压 Power frequency damp-state withstand voltage (kV/5min)	54	不闪络，不击穿 No flash and breakdown
工频长期耐压 Power frequency long-time withstand voltage (kV/4h)	48	不闪络，不击穿 No flash and breakdown
冲击耐压 Surge withstand voltage (kV/1.2/50 μ s $\pm$ 10 次)	125	不击穿 No breakdown
直流耐压 DC withstand voltage (kV/15min)	96	不闪络，不击穿 No flash and breakdown
局部放电 Part discharge (kV.pc/1.5u ₀)	10	通过 Pass

选型尺寸 Product Dimensions:

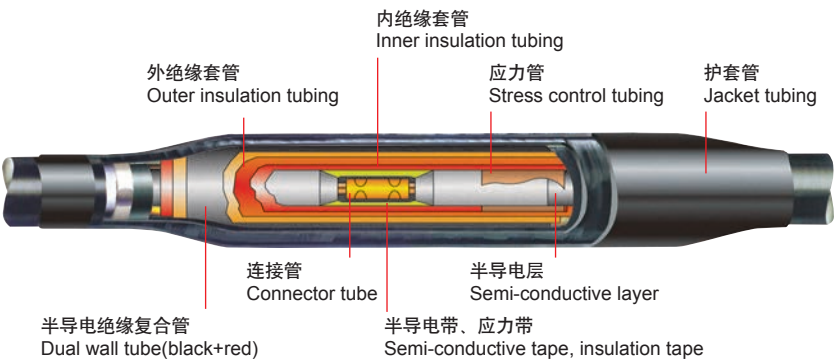
适用电缆截面 mm ² For cable cross section	户内终端 Indoor termination kit		户外终端 Outdoor termination kit		中间连接 Straight through joint	
	一芯 Single core	三芯 Three cores	一芯 Single core	三芯 Three cores	一芯 Single core	三芯 Three cores
25,35,50	NSY-20/1.1	NSY-20/3.1	WSY-20/1.1	WSY-20/3.1	JSY-20/1.1	JSY-20/3.1
70,95,120	NSY-20/1.2	NSY-20/3.2	WSY-20/1.2	WSY-20/3.2	JSY-20/1.2	JSY-20/3.2
150,185,240	NSY-20/1.3	NSY-20/3.3	WSY-20/1.3	WSY-20/3.3	JSY-20/1.3	JSY-20/3.3
300,400	NSY-20/1.4	NSY-20/3.4	WSY-20/1.4	WSY-20/3.4	JSY-20/1.4	JSY-20/3.4

26/35kV 热缩电缆终端、中间接头
26/35kV Heat Shrinkable Termination Kit and Straight Through Joint

特点 Features:

适用于 26/35kV 的单芯、三芯聚氯乙烯、交联聚乙烯、橡塑电力电缆的终端接头及中间连接，具有良好的电气性能和机械性能。

For 26/35kV single core or 3 cores PVC and XLPE power cable termination kit and straight through joint, with good electrical and mechanical properties.



- Tinned copper braid
- Mastic tape
- Silicone grease
- Cleaning tissue
- Abrasive strip
- Glove
- Tinned copper binding wire
- Installation instruction manual
- Anti tracking breakout
- Anti-tracking tube
- Stress control tube
- Rain shed
- Lugs sealing tube
- Outer jacket sleeve tube
- Tinned copper mesh
- Worm drive clips
- Roll spring
- Stress control mastic
- Dual wall tube (black+red)
- Steel armour case



技术数据 Technical Data:

项目 Property	参数 Parameter	评定 Evaluation
工频干态耐压 Power frequency dry-state withstand voltage (kV/5min)	105	不闪络，不击穿 No flash and breakdown
工频湿态耐压 Power frequency damp-state withstand voltage (kV/5min)	105	不闪络，不击穿 No flash and breakdown
工频长期耐压 Power frequency long-time withstand voltage (kV/4h)	78	不闪络，不击穿 No flash and breakdown
冲击耐压 Surge withstand voltage (kV/1.2/50μs ± 10 次)	140	不击穿 No breakdown
直流耐压 DC withstand voltage (kV/15min)	156	不闪络，不击穿 No flash and breakdown
局部放电 Part discharge (kV.pc/1.5u ₀)	10	通过 Pass

选型尺寸 Product Dimensions:

适用电缆截面 mm ² For cable cross section	户内终端 indoor termination kit		户外终端 outdoor termination kit		中间连接 Straight through joint	
	一芯 Single core	三芯 Three cores	一芯 Single core	三芯 Three cores	一芯 Single core	三芯 Three cores
25,35,50	NSY-35/1.1	NSY-35/3.1	WSY-35/1.1	WSY-35/3.1	JSY-35/1.1	JSY-35/3.1
70,95,120	NSY-35/1.2	NSY-35/3.2	WSY-35/1.2	WSY-35/3.2	JSY-35/1.2	JSY-35/3.2
150,185,240	NSY-35/1.3	NSY-35/3.3	WSY-35/1.3	WSY-35/3.3	JSY-35/1.3	JSY-35/3.3
300,400	NSY-35/1.4	NSY-35/3.4	WSY-35/1.4	WSY-35/3.4	JSY-35/1.4	JSY-35/3.4

热缩直通接头

0.6/1kV Heat Shrinkable Straight Through Joint

Application:

Straight heat shrinkable cable joints are used for jointing power insulation connections, convenient for connection of underground, ground telecom and energy cables, park and garden illumination, underground electrical distribution, pool, any moisture ambient and under water. Resin layer blocks to water, humidity and moisture to pass through the cable.

During the mounting of heat shrinkable joint, do not apply the fire on the tube, surface not fixed, must apply with circular movements.

Technical Data:

- Water Absorption: ASTM D 570 $\leq 0.5\%$
- Electrical Insulation: up to 5kV
- Joint Shrink Point: 110°C
- Joint Hardness: 45-50 Shores D
- Tensile Strength: 12 Mpa
- Break down Elongation: $\geq 400\%$
- Adhesive Melting Point: 90°C
- Removed Strength from Steel: 30 N/cm² at 23°C
- Appropriate RoHS Standards
- The excellent movement stability and credibility, good covering cable, easy mounting, excellent.



Suitable Cable Types:

YVV-U, YVV-R, CU/PVC/PVC, NYY, N2XY Use for, PVC insulations, HEPR, EPR, XLPE, other side, armour cables, mining, ship, airport lighting, railway, control, telephone, water pump, submersible pump, data and fiber cables.

Product Dimensions:

Code	Cross,see.of cable (mm ²)	D (mm)	L (mm)	Diameter of cable (mm)
R1-3105C	3 × 1.5 Cu	28	260	13
R1-3205C	3 × 2.5 Cu	28	260	14
R1-4205C	4 × 2.5 Cu	28	260	15
R1-5205C	5 × 2.5 Cu	28	260	15
R1-504C	5 × 4 Cu	28	350	16
R1-506C	5 × 6 Cu	33	350	17
R1-510C	5 × 10 Cu	40	350	20
R1-410C	4 × 10 Cu	40	350	20
R1-416C	4 × 16 Cu	40	500	23
R1-425C	4 × 25 Cu	55	500	26
R1-435C	4 × 35 Cu	55	500	29
R1-416A	4 × 16 Al	40	500	23
R1-425A	4 × 25 Al	55	500	26
R1-435A	4 × 35 Al	55	500	29
R1-450A	4 × 50 Al	55	500	34
R1-470A	4 × 70 Al	75	500	39
R1-495A	4 × 95 Al	75	500	44
R1-4120A	4 × 120 Al	95	750	48
R1-4150A	4 × 150 Al	95	750	52
R1-4185A	4 × 185 Al	115	750	58
R1-4240A	4 × 240 Al	115	750	66