

冷缩电缆附件

Section A

Cold Shrinkable Cable Accessories



冷缩电缆终端、中间接头

Cold Shrinkable Termination Kit and Straight Through Joint

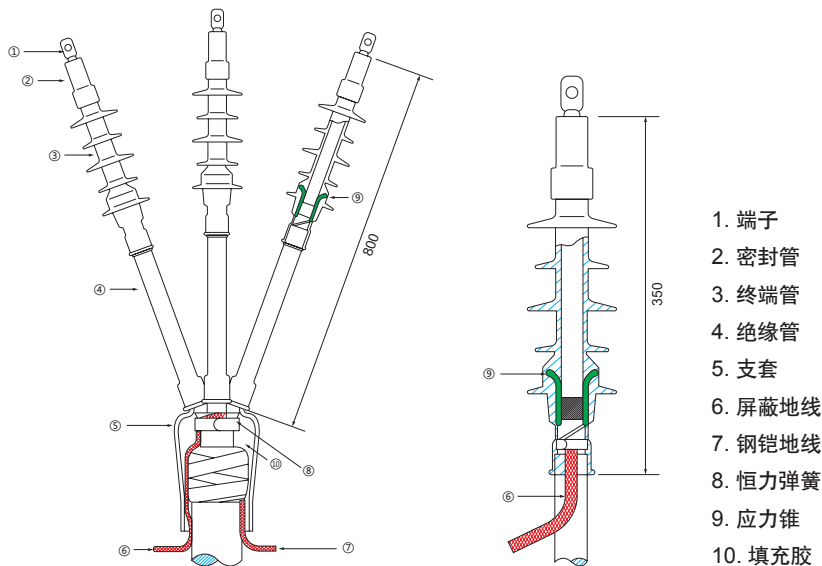
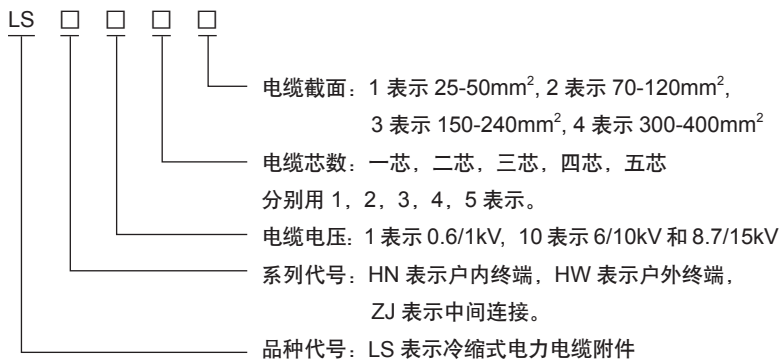
电力电缆冷缩附件是一种采用高弹性进口硅橡胶原料制做的新型电缆附件。该产品具有特定的介电性能，抗漏电痕迹能力和耐腐蚀性强，独特的憎水性，实现了较大的湿闪距离，恒定的收缩力，不受电缆的弯曲而造成绝缘死角，现场安装时无需热源和专用工具，克服了热缩型在施工时需要热源的缺点，从而提高了产品的安全性和可靠性。产品性能优良、结构新颖、安装方便、使用时只要拉掉支撑物就能自动收缩复位。产品广泛应用于电力、通讯、军工、冶金、煤矿、石油化工等领域。

Cold shrink cable accessories is kind of new cable accessories which is prefabricated by adopting high elasticity silicon rubber. This product is provided with special dielectric property, the performance of resistance against tracking and corrosion are strong, special water absorption rate, the constant shrinkable force, and it will not be insulation dead angle because the cable is bended. When it is installed at locale, it need not the heat source and special tool, so it improves the safety and reliability of product. This product has many other advantages else, such as excellent capability, novel construction and convenient installation, when you use it, you only need to tear the plank, and then it will self reset. This product is widely used in the following fields: electric power, communication, war industry, mining and petroleum chemical industry, etc.



冷缩电缆附件 Cold Shrinkable Cable Accessories

产品型号及含义



1kV 冷缩电缆终端、中间接头

1kV Cold 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
主要冷缩材料 Cold shrinkable material	硬度邵氏 Shoe hardness (A)	45 ± 3
	抗拉强度 Tensile strength (Mpa)	≥ 14
	永久变形率 Permanent distortion ratio	≤ 5%
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)	≥ 23
应力管 Stress control tubing	介电常数 Dielectric constant (ε)	≈ 25

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	25,35,50	LSHN-1/1.1	LSHN-1/2.1	LSHN-1/3.1	LSHN-1/4.1	LSHN-1/5.1
	70,95,120	LSHN-1/1.2	LSHN-1/2.2	LSHN-1/3.2	LSHN-1/4.2	LSHN-1/5.2
	150,185,240	LSHN-1/1.3	LSHN-1/2.3	LSHN-1/3.3	LSHN-1/4.3	LSHN-1/5.3
	300,400	LSHN-1/1.4	LSHN-1/2.4	LSHN-1/3.4	LSHN-1/4.4	LSHN-1/5.4
中间连接 Straight through join	25,35,50	LSZJ-1/1.1	LSZJ-1/2.1	LSZJ-1/3.1	LSZJ-1/4.1	LSZJ-1/5.1
	70,95,120	LSZJ-1/1.2	LSZJ-1/2.2	LSZJ-1/3.2	LSZJ-1/4.2	LSZJ-1/5.2
	150,185,240	LSZJ-1/1.3	LSZJ-1/2.3	LSZJ-1/3.3	LSZJ-1/4.3	LSZJ-1/5.3
	300,400	LSZJ-1/1.4	LSZJ-1/2.4	LSZJ-1/3.4	LSZJ-1/4.4	LSZJ-1/5.4

8.7/15kV 冷缩电缆终端、中间接头

8.7/15kV Cold 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
- Mastic tape
- Silicone grease
- Cleaning tissue
- Abrasive strip
- Glove
- Installation instruction manual
- Cold shrink breakout
- Cold shrink insulation tube
- Cold shrink termination body
- Cold shrink lugs sealing tube
- Cold shrink straight through joint
- Tinned copper mesh
- Roll spring
- Rubber mastic tape
- Armor cast tape
- Semi conductive rubber tape
- EPR rubber tape



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	LSHN-10/1.1	LSHN-10/3.1	LSHW-10/1.1	LSHW-10/3.1	LSZJ-10/1.1	LSZJ-10/3.1
70,95,120	LSHN-10/1.2	LSHN-10/3.2	LSHW-10/1.2	LSHW-10/3.2	LSZJ-10/1.2	LSZJ-10/3.2
150,185,240	LSHN-10/1.3	LSHN-10/3.3	LSHW-10/1.3	LSHW-10/3.3	LSZJ-10/1.3	LSZJ-10/3.3
300,400	LSHN-10/1.4	LSHN-10/3.4	LSHW-10/1.4	LSHW-10/3.4	LSZJ-10/1.4	LSZJ-10/3.4

冷缩电缆终端、中间接头

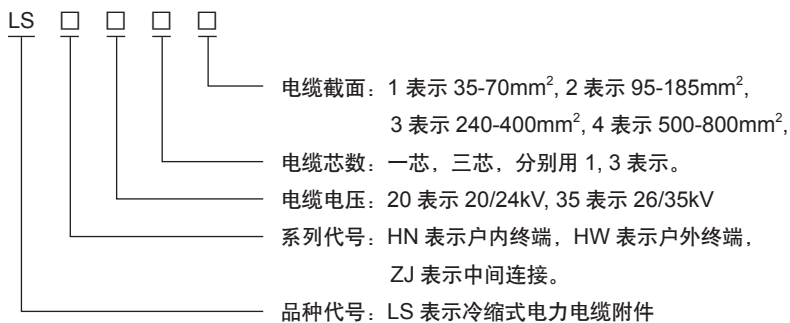
Cold Shrinkable Termination Kit and Straight Through Joint

电力电缆冷缩附件是一种采用高弹性进口硅橡胶原料制做的新型电缆附件。该产品具有特定的介电性能，抗漏电痕迹能力和耐腐蚀性强，独特的憎水性，实现了较大的湿闪距离，恒定的收缩力，不受电缆的弯曲而造成绝缘死角，现场安装时无需热源和专用工具，克服了热缩型在施工时需要热源的缺点，从而提高了产品的安全性和可靠性。产品性能优良、结构新颖、安装方便、使用时只要拉掉支撑物就能自动收缩复位。产品广泛应用于电力、通讯、军工、冶金、煤矿、石油化工等领域。

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产品型号及含义



20/24kV 冷缩电缆终端、中间接头

20/24kV Cold 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
- Cold shrink breakout
- Cold shrink insulation tube
- Cold shrink termination body
- Cold shrink lugs sealing tube
- Cold shrink straight through joint
- Tinned copper mesh
- Roll spring
- Rubber mastic tape
- Armor cast tape
- Semi conductive rubber tape
- EPR rubber tape



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
35,50,70	LSHN-20/1.1	LSHN-20/3.1	LSHW-20/1.1	LSHW-20/3.1	LSZJ-20/1.1	LSZJ-20/3.1
95,120,150,185	LSHN-20/1.2	LSHN-20/3.2	LSHW-20/1.2	LSHW-20/3.2	LSZJ-20/1.2	LSZJ-20/3.2
240,300,400	LSHN-20/1.3	LSHN-20/3.3	LSHW-20/1.3	LSHW-20/3.3	LSZJ-20/1.3	LSZJ-20/3.3
500,630,800	LSHN-20/1.4	LSHN-20/3.4	LSHW-20/1.4	LSHW-20/3.4	LSZJ-20/1.4	LSZJ-20/3.4

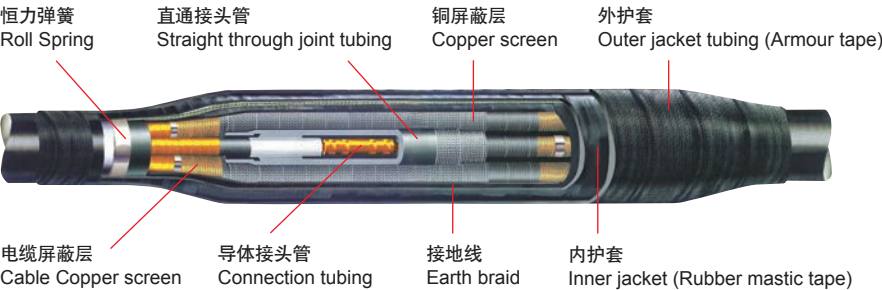
26/35kV 冷缩电缆终端、中间接头

26/35kV Cold 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
- Installation instruction manual
- Cold shrink breakout
- Cold shrink insulation tube
- Cold shrink termination body
- Cold shrink lugs sealing tube
- Cold shrink straight through joint
- Tinned copper mesh
- Roll spring
- Rubber mastic tape
- Armor cast tape
- Semi conductive rubber tape
- EPR rubber tape



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
35,50,70	LSHN-35/1.1	LSHN-35/3.1	LSHW-35/1.1	LSHW-35/3.1	LSZJ-35/1.1	LSZJ-35/3.1
95,120,150,185	LSHN-35/1.2	LSHN-35/3.2	LSHW-35/1.2	LSHW-35/3.2	LSZJ-35/1.2	LSZJ-35/3.2
240,300,400	LSHN-35/1.3	LSHN-35/3.3	LSHW-35/1.3	LSHW-35/3.3	LSZJ-35/1.3	LSZJ-35/3.3
500,630,800	LSHN-35/1.4	LSHN-35/3.4	LSHW-35/1.4	LSHW-35/3.4	LSZJ-35/1.4	LSZJ-35/3.4

REPDM 冷缩套管

Cold Shrinkable Medium Wall Tubing

特点 Features:

REPDM橡胶冷缩套管是一种预先扩张在可抽支撑管上的橡胶绝缘套管，在使用时只需定位后抽去支撑条即可，利用其径向压力形成包覆，起到防水、防潮密封作用。具有优异的耐天候、耐酸碱性能，达到同呼吸密封的作用，是通讯电缆、同轴电缆、中低压电力电缆的理想密封材料。

REPDM rubber cold shrink sleeve is a pre-expansion pumping support tube rubber after removing the insulating sleeve, just use positioning the support bar can use its radial pressure to form a coating, waterproofing, moisture-proof sealing effect. Excellent weather resistance, acid and alkali resistance, to the role of breathing the same air sealed, and communication cables, coaxial cables cable, low voltage power cables ideal sealing material.

- Standard colors: Black
- Simple installation, requires only hands
- Excellent wet electrical properties
- Accommodates a wide range of cable sizes
- Resists fungus
- Not torches or heat required
- Resists acids and alkalis
- Good thermal stability
- Resists ozone and ultraviolet light



技术数据 Technical Data:

性能 Property	测试标准 Test method	参数 Parameter
硬度邵氏 Shoe hardness (A)	GB/T531.1-2008	48 ± 2
抗拉强度 Tensile strength (Mpa)	GB/T528-1998	≥ 11.6
断裂伸长率 Elongation at break (%)	GB/T528-1998	≥ 500%
击穿强度 Dielectric strength (kV/mm)	GB1695-2005	≥ 19.1
介电常数 Dielectric constant (ε)	IEC 250	≈ 5.0

选型尺寸 Product Dimensions:

Normal size (mm)	AS supplied(mm)	After recovered(mm)		Length(mm)	Tubing shape
	Inside diameter	Inside diameter	Wall thickness		
REPDM-18/8	>18	8	2.0	200 or 500	○
REPDM-25/10	>25	10	2.0	200 or 500	○
REPDM-32/13	>32	13	2.2	200 or 500	○
REPDM-38/18	>38	18	2.3	200 or 500	○
REPDM-45/20	>45	20	2.3	200 or 500	○
REPDM-50/22	>50	22	2.4	200 or 500	○
REPDM-60/25	>60	25	2.4	200 or 500	○
REPDM-70/30	>70	30	2.6	200 or 500	○
REPDM-80/35	>80	35	2.6	200 or 500	○
REPDM-100/40	>100	40	2.6	200 or 500	○