

JLSW

Cold shrink straight joint with armour-wrap protection upto 42kV

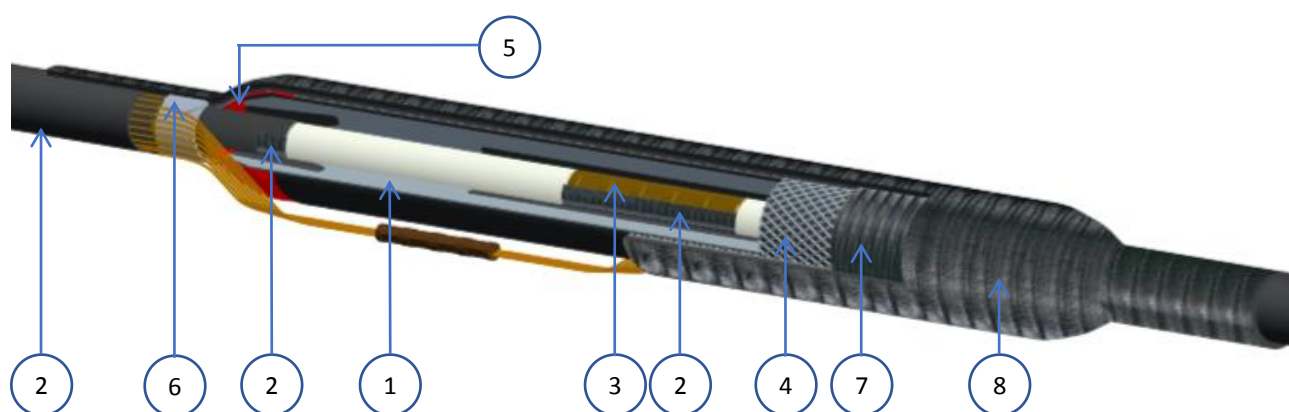
Application

The JLSW The cold-shrinkable straight joint is suitable for jointing polymeric insulated medium voltage cables with extruded easy strip conductive screen or bonded extruded conductive screen, copper wire or copper tape screened and non-armoured.

Wrap-wrap tape outer jacket offer excellent mechanical protection and environmental seal. Design for single and three cores cable joint both. with other mounting materials, It is applicable for other cables type, please contact our representative for those application

$U_0/U(U_m)$

6/10(12)kV
6.35/11(12)kV
8.7/15(17.5)kV
12/20(24)kV
12.7/22(24)kV
18/30(36)kV
26/35(40.5)kV
20.8/36(42)kV



Design

1. Three layers joint body with a conductive outer layer, an insulating layer and integrated conductive inner layer for electrical stress control.
2. Self amalgamating conductive tape
3. Compression or mechanical connector
4. Copper mesh
5. Red Sealant mastic
6. Non-magnetic constant force spring
7. Composite insulating water proof tape
8. Armour-wrap tape outer jacket

Kit content

- A JLS joint body
- Armour-wrap tape
- Copper mesh
- Non-magnetic constant force spring
- Self amalgamating conductive tape
- Composite insulating water proof tape
- Silicone grease
- Installation instructions
- Assembly kits (for different cable type)

Specifications and standard

JLSW cold shrink straight joint meets the requirements of CENELEC HD 629.1. and IEC 60502

Exclusive service:

- All joint bodies are scanned before delivering by X-Ray scanner to guarantee ZERO defect in inner struction
- All joint bodies are tested for AC withstand before delivering

Ordering instruction

Select product by dia. over core insulation.

Order example:

Three-cores straight joint
Nominal voltage 12/20 kV,
Dia. over core insulation 23-33mm

Cross-section 95-240 mm²

Part. name: JLSW-20/3.2



Classification and Dimension

Conductor cross-section (mm ²)		Dia. over core insulation (mm)		Art.-No.
Min.	Max.	Min.	Max.	
U ₀ /U(U _m) 6/10(12)kV - 6.35/11(12)kV				
25	50	13.5	16.2	JLSW-10/1.1
70	120	16.5	21	JLSW-10/1.2
150	240	23	26.5	JLSW-10/1.3
300	400	27	30.5	JLSW-10/1.4
U ₀ /U(U _m) 8.7/15(17.5)kV				
25	50	13.5	16.2	JLSW-15/1.1
70	120	16.5	21	JLSW-15/1.2
150	240	23	26.50	JLSW-15/1.3
300	400	30.7	35	JLSW-15/1.4
500	800	37	46	JLSW15/1.5
U ₀ /U(U _m) 12/20(24)kV				
35	70	16.2	23	JLSW-20/1.1
95	185	25	29.5	JLSW-20/1.2
240	400	30	34	JLSW-20/1.3
500	630	39.5	46	JLSW-20/1.4
U ₀ /U(U _m) 18/30(36)kV				
35	70	22	27	JLSW-30/1.1
95	185	29.5	34	JLSW-30/1.2
240	400	39.5	46	JLSW-30/1.3
500	800	44	54	JLSW-30/1.4
U ₀ /U(U _m) 20.8/36(42)kV				
50	70	29.5	30	JLSW-42/1.1
95	185	32	35	JLSW-42/1.2
240	400	38	44	JLSW-42/1.3
500	800	48	54	JLSW-42/1.4

Note: The classification does only apply for polymeric insulated XLPE cables with extruded conductive screen and stranded conductors. For other cables, Please contact with our representative.