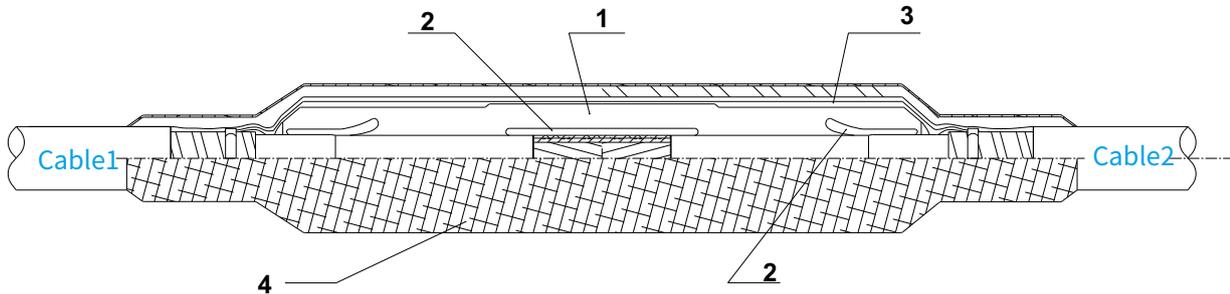


WLJ

Cold Shrink Joint up to 42 kV



1. Joint Body

One-piece design to provide the stress control, insulation and insulation screen to rebuild the cable structure.

2. Electrical stress control

Stress control tube, together with stress cone are used to smooth out the electrical field at the screen cuts.

3. Metallic shielding

Copper mesh which has been secured with solderless earth connection is wrapped around the joint area to rebuild the metallic screen and provide screen continuity across the joint.

4. Outer sealing and protection

The outer sealing and protection is performed by both the waterproof tape and armour tape. So they provide mechanical protection and chemical resistance as expected from cable oversheath.

Note:

Joints can be ordered as standard kits (without connectors) or complete kits.

Joints and components for other cable types are available on request.

Connectors shall be ordered separately.



Selection Table

| Voltage $U_0/U (U_m)$ | Cores | Cable Cross Section/mm ² | Nominal insulation thickness /mm | Diameter over Insulation/mm | Kit No. |
|------------------------------|--------------|--|----------------------------------|---|--|
| 0.6/1(1.2)kV | 1, 2,3, 4, 5 | 10-25 35-50 70-95 120-150 185-240 300-400 | — | — | 1.2kVWLJ-1(2,3,4,5)/0 1.2kVWLJ-1(2,3,4,5)/1 1.2kVWLJ-1(2,3,4,5)/2 1.2kVWLJ-1(2,3,4,5)/3 1.2kVWLJ-1(2,3,4,5)/4 1.2kVWLJ-1(2,3,4,5)/5 |
| 6/10(12)kV 6.35/11(12)kV | 1, 3 | 50-70 95-150 185-300 400-500 630 | 3.4 | 16-19.5 19-24.5 23.5-30 30.5-35 37-42.3 | 12kVWLJ-1/1(3/1) 12kVWLJ-1/2(3/2) 12kVWLJ-1/3(3/3) 12kVWLJ-1/4(3/4) 12kVWLJ-1/4(3/5) |
| 8.7/15(17.5)kV | 1, 3 | 25-50 70-120 150-240 300-400 500-630 | 4.5 | 16-19.5 19-24.5 23.5-30 30.5-35 37-42.3 | 17.5kVWLJ-1/1(3/1) 17.5kVWLJ-1/2(3/2) 17.5kVWLJ-1/3(3/3) 17.5kVWLJ-1/4(3/4) 17.5kVWLJ-1/5(3/5) |
| 12/20(24)kV 12.7/22(24)kV | 1, 3 | 25-50 70-120 150-240 300-400 500-630 | 5.5 | 18-21.5 21-26.5 25.5-32 32.5-37 39-44.3 | 24kVWLJ-1/1(3/1) 24kVWLJ-1/2(3/2) 24kVWLJ-1/3(3/3) 24kVWLJ-1/4(3/4) 24kVWLJ-1/5(3/5) |
| 18/30(36)kV 19/33(36)kV | 1, 3 | 35-50 70-120 150-240 300-400 500-630 | 8.0 | 22-28 26.5-33 31.5-39 35.5-43 40.5-49 | 36kVWLJ-1/1(3/1) 36kVWLJ-1/2(3/2) 36kVWLJ-1/3(3/3) 36kVWLJ-1/4(3/4) 36kVWLJ-1/5(3/5) |
| 20.8/36(42)kV | 1, 3 | 50-95 120-240 300-400 500-630 | 9.3 | 28.5-35 35.5-42 42.5-48 48.5-56 | 42kVWLJ-1/1(3/1) 42kVWLJ-1/2(3/2) 42kVWLJ-1/3(3/3) 42kVWLJ-1/4(3/4) |
| 26/35(42)kV | 1, 3 | 50-95 120-240 300-400 500-630 | 10.5 | 28.5-35 35.5-42 42.5-48 48.5-56 | 42kVWLJ-1/1(3/1) 42kVWLJ-1/2(3/2) 42kVWLJ-1/3(3/3) 42kVWLJ-1/4(3/4) |