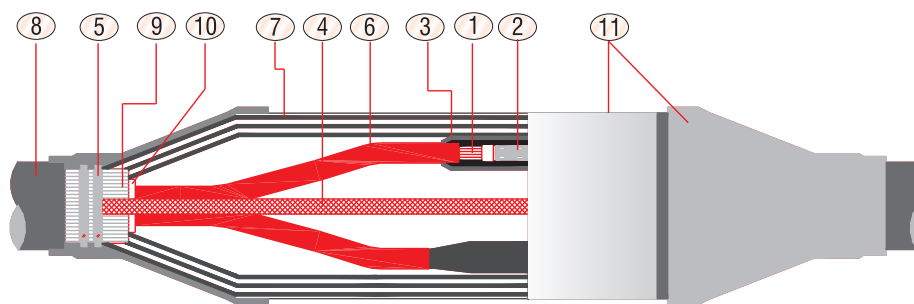
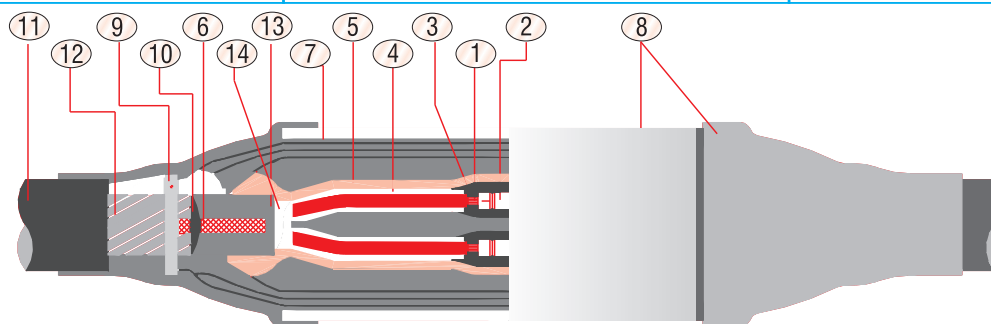


Descriptions : GXLT / GPLT - Series Heat Shrinkable Straight Through Joints kits designed for 1, 2, 3, 3½, 4 Core extruded Solid dielectric (XLPE/PVC) & paper insulated cable (Armoured / Un-armoured) of 1.1kV & 3.3kV rating.



1.1kV XLPE/PVC Straight Through Joint

No. Descriptions	No. Descriptions	No. Descriptions
1. Conductor (Aluminium/copper)	5. Worm Drive Clamps	9. Cable Armour
2. Inline Connector (Ferrule)	6. Cable Insulated Core	10. Inner sheath
3. Insulation Sleeve	7. Wraparound Joint Case	11. Outer Jacketing Sleeves
4. Armour Continuity Connection	8. Outer Sheath	



1.1kV PILC Straight Through Joint

No. Descriptions	No. Descriptions	No. Descriptions
1. Conductor (Aluminium/copper)	6. Armour/lead Sheath Continuity System	11. Outer Sheath
2. Inline Connector (Ferrule)	7. Wraparound Joint Case	12. Armour
3. Insulation Sleeve	8. Outer Jacketing Sleeve	13. Lead Sheath
4. Oil Barrier Tubing	9. Cable Armour	14. Paper Inner Sheath
5. Inner Protective Tubing	10. Plumb	

Guaranteed Technical Particulars in compliance with IEC 60502, 60060 & 60230

Tests	Parameter For Evaluation	Test Voltage Highest Voltage Umax (kV)	Result
Insulation Resistance	1 mn. 500 V Dc	1.1	>10 ³ Ω
A.C. High Voltage Test (Joint Immersed In Water)	5 min.	3.5	No Breakdown & no Flashover
Impulse Witstand Test at Ambient Temperature	10 Positive & 10 Negative	8	No Breakdown & no Flashover
Insulation Resistance	1 min. 500 V Dc	-	>10 ³ Ω
Heating Cycle Test in Water (for Straight Through Joint)	63 cycles 5 hrs. heating & 3 hrs. cooling Conductor temperature 95°C	-	No Breakdown & no Flashover
Insulation Resistance after Impact Test (Immersed)	1 min. 500 V Dc	-	>10 ³ Ω
Impulse Withstand Test at Elevated Temperature	10 Positive & 10 Negative Conductor temperatur 95 to 100°C	8	No Breakdown & no Flashover
D.C. High Voltage Test (Dry)	5min	15	No Breakdown & no Flashover

Ordering Informations

Cable Size (Sq. mm.)	Kit Code 1.1 kV	Kit Code 3.3 kV
4x1.5-6	GXLT-1	GXLT-11
4x10-16	GXLT-2	GXLT-12
4x25-50	GXLT-3	GXLT-13
4x70-150	GXLT-4	GXLT-14
4x185-240	GXLT-5	GXLT-15
4x300-400	GXLT-6	GXLT-16

Note

- All kits are supplied with full kit contents for making a joint.
- Galvanised mesh application is an alternative design replacing wrapparound joint case.