

8A Data Sheet

KAUDENs Connector Wire Insulated 8A can joint any two wires shown in the information detailed below. The Crimp provides reliable means of connecting copper or aluminium telephone conductors PE or PVC insulated with no requirement to strip the insulation. The new 8A connector is constructed so that when the idc is used there is a minimum of 4mm clear wire travel past the last idc blade.

- Full compliance to the BTLN 363C specification to be undertaken and verified by BT openreach.
- The cable entry ports are designed to accommodate and retain a customised test probe. This test probe can be inserted in every box 500 issued to the field.
- Specially designed cable entry ports enables a 0.9mm poorly cut wire with flattened insulation to be inserted easily into the connector.
- Adopting and establishing a working practise to use and encourage the use of test probes rather than using crocodile clips or nicking the cable insulation to test will significantly reduce Shiners.
- Long term the reduction in Shiners will improve Network Reliability and significantly reduce Truck Rolls.
- The Polypropylene material for the base and cover has excellent properties, high tensile strength, good chemical resistance and resistance to cracking in low working temperatures, good impact resistance and finally high clarity for visual inspection of the crimped splice.
- The maximum diameter measured over the insulation is 2.06mm and the conductor range for the connector is 0.4 to 0.9mm or 26 to 19AWG.
- The connectors are filled with a high quality sealant that ensures excellent insulation resistance and electrical performance in the most stringent environmental conditions.
- Full manufacturing tractability on packaging and the component..
- Conductor type solid copper or aluminium alloy
- Capable of being used with paper, solid polyethylene, or cellular polyethylene insulation

Operating Voltage 50V

Operating Temperature: -30°C to +80°C

DIMENSIONAL INFORMATION

Number	Feature In Product	Parameter	Dimensions (mm)
1	Pre-crimp	Body Dimension	7.88 +0/-0.05
2		Cover Dimension	8.3 +0.05/-0
3		Insertion Force	hand
4	Wire travel length	Cable relief in body	14.30±0.1
5	Wire travel length past the last IDC blade	Jointer compliance	4.8 Max
6	Functionality check using 0.4 mm & 0.9mm wire for crimping	Height of connector after crimping closed condition	6.10±0.1 (by design)
7	BT Product spec. LN363C Compliant.	Length of connector	15.5 Max
8		Height of connector open	9.5 Max
9		Height of connector closed	5.6 ~ 6.3
10		Width of connector	10 Max

The connector is capable of connecting any wire types and sizes as follows:

INSULATED COPPER WIRE

Conductor Dia.mm	Cable Type	Specification No.
0.5, 0.6 & 0.9	Polyethene twin CW 1128	
0.4	Polyethene twin CW 1218	
0.5, 0.63 & 0.9	Polyethene unit twin	CW 1171
0.6	Polyethene unit twin	CW 1313
0.5	Jumper Wire	CW 1257

INSULATED ALUMINIUM ALLOY

Conductor Dia.mm	Cable Type	Specification No.
0.5	Cellular Poly	CW 1171

The above is meant as an example only and not limited to these cables