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

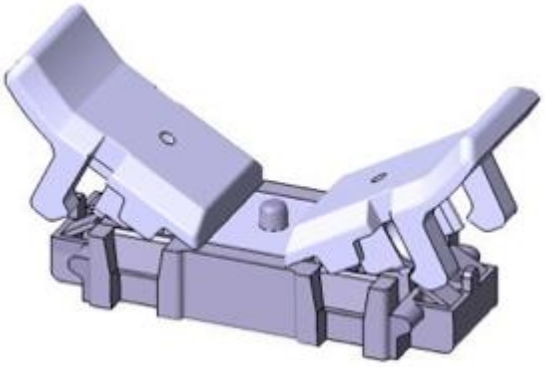
8B Data Sheet

The Connector 8B discrete wire connector is ideally suited for all types of cable splicing needs. Use of simple tools and small splice bundle. Designed and built around proven Insulation Displacement Connection (IDC) technology and manufactured using best practices, the 8B Discrete Wire Connectors can endure harsh climatic conditions.

A single crimp displaces the insulation and provides a cold solder equivalent connection, delivering low contact resistance . Now with increased port hole size and double contact design, offering the advantage of full wire range.

- Gel filled, moisture resistant polypropylene connector
- Designed for conductor diameters ranging from 0.4mm to 0.9mm, with maximum insulation diameter of 2.08mm
- Single end type, 3 copper conductors to be jointed
- The connector will joint 3 plastic insulated copper conductors in any combination of 0.4mm to 0.9mm wire sizes

Operating Voltage 50V
Operating Temperature: -30°C to +80°C



LX41 Data Sheet

Product Description

This is a tool-less gel-filled connector, making it easier to use and resulting in less corrosion of the connection, which improves stability for the end customer. This results in increased brodadband speeds and reduced line faults. The connectors do not have test access ports, however they can be easily opened and re-opened by hand for testing.

Technical Information

• Cable diameters: Compatible with a maximum insulation diameter of 1.5mm and the following ranges of conductor diameters: 0.4mm; 0.5mm; 0.63mm and 0.9mm
• Materials:
o Body & Cover: Polycarbonate
o Contact: Phosphorous Bronze
o Gel: Filling compound with superior thermal, oxidative and hydrolytic stability
- Operating Voltage: 50V
- Operating Temperature: -10oC to +70oC

Applications

• Straight Splicing of Small Pair Count Cables Where Larger Modules Are Inconvenient
• Connects the line wire and subscriber wire in series and makes a parallel connection.
• Re-crimping / Re-entry of cable conductor is possible numerous times.
• By virtue of the gel filling the connector is water resistant.
• Ideally suited to uplift work through any skilled engineer replacing legacy connectors, therefore there is minimum disruption to service
• No Slack Required. The Complete Wire Joint Does Not Take high space in a Splice