



Item Code – LJ8B1

8B Three Wire Gel filled Crimp Connector



For joining Lighting and Communications wires .Designed for applications covering aerial, buried and underground construction which are exposed to a full range of temperature, humidity and pollutants. Filled with sealant ensuring excellent insulation resistance and electrical performance in the most stringent environmental conditions.

- Joining 3 plastic insulated copper conductors in any combination of 0.4mm to 0.9mm wire diameter. No need to strip the insulation (called IDC in trade jargon)
- Gel filled, moisture resistant polypropylene connector designed for wires with a maximum insulation diameter of 2.08mm. Supplied in plastic carton of 250
- For joining Lighting and Communications wires , for applications covering aerial, buried and underground construction
- Ideal for LED lighting , Signs and other Luminaires. For wire rating see Table below
- Transparent Casing avoids speckling on LED Lighting Panels

Acceptable combinations of crimp and wire . Max insulation diameter of 2.08mm					
Current	Wire Gauge (AWG) or diameter (Max Voltage 40V AC 60V DC)				
	26 AWG 0.40mm	24 AWG 0.51mm	22 AWG 0.64mm	20AWG 0.81	19AWG 0.09
0.5A	Yes	Yes	Yes	Yes	Yes
1A	Yes	Yes	Yes	Yes	Yes
2A	Yes	Yes	Yes	Yes	Yes
3A	No	Yes	Yes	Yes	Yes
4A	No	No	No	Yes	Yes
5A	No	No	No	Yes	Yes
6A	No	No	No	Yes	Yes

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General

Sale Unit	Plastic box with re-sealable lid containing 250 crimps		
Barcode	tba		
Commodity Code	300011010		
Dimension Packed	175x122x50mm	Height Width Depth	
Weight Packed	0.426Kg		

For Direct Buyers from KAUDEN

Carton Quantity	30 x packs of 500
Dimension	25x26x54cm
Weight	13.25kg

Technical

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. Will work with Conductor type solid copper or aluminium alloy and capable of being used with paper, solid polyethylene, or cellular polyethylene insulation.

The maximum diameter measured over the insulation is 2.08mm
Conductor range for the connector is 0.4 to 0.9mm or 26 to 19AWG.
Operating temperature -40C to 60C
Insulation Displacement Connection (IDC)

Standards

General Product Safety Regulations 2005: Great Britain
BT LN363C, Clause 5.2.2, Vibration
EN 60068-2-6, Test FC