



DC-SC CONNECTORS & TERMINALS

Heat shrink crimp seal connector/butt splice

Applications

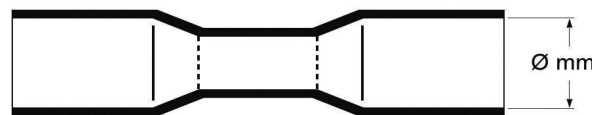
Heat Shrinkable splices provide a permanent environmental seal. The polymer used in the production of the heat shrink tube is specially adapted to be crimped. Ideal for electrical equipment repairs, maintenance and outdoor electrical cabling.

Features

Operating temperature: -55°C to +125°C
 Minimum shrink temperature: 110°C
 No wire damage thanks to a lower shrink temperature.
 100% waterproof, excellent fluid resistance. Very high abrasion resistance.
 Color: Red, Blue, Yellow
 Shrink ratio: 3:1.

Technical Data

Property	Test Method	Typical Data
Tensile Strength	ASTM D 2671	28MPa (min)
Elongation at break	ASTM D 2671	500% (min)
Longitudinal Shrinkage	UL224	0 to -10%
Heat Shock	250°C/4hrs.	No cracking, Flowing of out wall
Heat resistance	165°C/168hrs.	No cracking, Flowing of out wall
Cold bend (-40°C/1hr.)	ASTM D 2671	No cracking
Voltage withstand (AC 2500V ,60 sec.)	ASTM D 2671	No Breakdown
Volume Resistivity	ASTM D 876	10 ¹⁴ Ω.cm (min)
Copper corrosion	UL 224	Pass
Water absorption	ASTM D570	≤0.5%
Fluid resistance (23°C/24 hrs)	ASTM D 2671	Good to excellent
Specific Gravity	ASTM D 792	1.01g/cm ³



Dimensions

DC-SC	Wire range	AWG	As supplied (mm)	After recovery (mm)	
			Inside diameter	Inside diameter	Cut length (mm)
Light Yellow Clear	0.1-0.5mm ²	26-24	3.0	1.0	26
Red	0.5-1.5mm ²	22-18	4.5	1.5	38
Blue	1.5-2.5mm ²	16-14	5.5	1.8	38
Yellow	4-6mm ²	12-10	6.5	2.2	42

Installation instructions

- 1- Select butt splice to suit conductor size.
- 2- Strip insulation to 8mm and insert into the splice barrel.
- 3- Crimp using the correct tool for pre-insulated splices (tool recommended : DM-CRIMP SEAL TOOL)
- 4- Apply heat to the crimp seal with hot air gun until tubing recovers and the adhesive flows from the end of the splice.

