



Single Insulated Rubber Welding Cable

Application:

For the transmission of high currents from the electric welding machine to the welding tool. Suitable for flexible use under rough conditions, on assembly lines and conveyor systems, in machine tool and motor car manufacturing, ship building, for manually and automatically operated line and spot welding machines.

Standards:

BS EN 50525-2-81:2011 (Replaced to BS 638), VDE0282-6, GENELEC HD22.6

Conductor: Class 5 flexible plain copper conductors

Separator:

Polyester foil or tape

Sheath:

HOFR (Heat and Oil Resistant and Flame Retardant) Sheath to Bs7655

Colour: Black

Voltage Rating:

100V (450V for non-welding applications if suitably protected from mechanical damage)

Temperature rating: -20°C to +85°C

Minimum bending radius: 6 x overall diameter

Specifications of Single Insulated Rubber Welding Cable

Sqmm	Nominal Overall Diameter mm	Max. Strand Diameter (mm)	Mzx.CR (Spec.) Ohms/km	Radial Insulation thickness mm
16	10.00	1.21	2.00	133.25
25	11.50	0.78	2.00	207.41
35	12.50	0.55	2.00	292.57
50	14.50	0.39	2.20	419.45
70	16.50	0.27	2.40	595.73
95	18.50	0.21	2.60	787.91
120	20.50	0.16	2.80	1022.26