

TECHNICAL DATA SHEET

TINNED PVC BATTERY/WELDING CABLE

AM Part No:- CM16 - CM95

PROFILE

Single insulated extra flexible battery/welding cables designed for use in tough working environments. Resistant to petrol, lubricating oils and diluted acids. Tinned copper conductors - PVC insulated -30°C to +70°C.

INSULATION PROPERTIES

Soft semi-filled general Purpose Extrusion Grade PVC Insulation Compound

Tensile Strength	11.0 (Mpa)
Elongation at break	390%
Shore 'A' Hardness	66
BS Softness @ 24 hrs	60
Specific Gravity	1.46

COPPER STRAND PROPERTIES

Tinned Copper Conductors

Copper Properties and Cable Dimensions

Part No.	Copper	Nom. Cross Section (mm ²)	Nom. Current Rating (amps)	Resistance @ 20°C (Ω/m)	Overall Dia (Max) (mm)	Nom. Rad Thickness (mm)
CM16	203/0.3	16	110	0.00126	8.30	1.35
CM25	322/0.3	25	170	0.000792	10.1	1.50
CM35	455/0.3	35	240	0.000564	11.8	1.70
CM50	637/0.3	50	345	0.000403	13.3	1.70
CM70	912/0.3	70	485	0.000281	15.5	1.90
CM95	684/0.4	95	500	0.000210	17.9	2.10