

GROUND WIRE & TIE WIRE

APPLICATION

Hard Drawn Bare Aluminium wire suitable for use as grounding wire/ jumper wire on electric distribution lines.

Soft bare aluminium wire suitable for use as tie wire on electric distribution lines.

STANDARD

ASTM B-233 & B-609

ASTM B-531 & B-396

CONSTRUCTION

Conductor:

Hard Drawn Bare Aluminium wire, H14 to ASTM B-233

Soft Drawn Bare Aluminium wire, 1350-0 to ASTM B-609



PHYSICAL DATA							TECHNICAL DATA	
REB Item Code	Code Name	Size of conductor	Nominal Area of conductor	Number of strands	Diameter of wire	Approx. weight of conductor	Breaking Strength	Maximum D.C resistance of conductor at 20 °C
		AWG	mm ²	no.	mm	kg/km	kgf	W/km
D-4	Ground wire	4	21.15	1	5.189	57.2	342 (min)	1.3363
D-5	Tie Wire	4	21.15	1	5.189	57.2	167 (Max)	1.3251

JUMPER WIRE

APPLICATION

Soft Bare Copper wire for use as Jumper on electric distribution lines.

STANDARD

ASTM B-3 & B-193

CONSTRUCTION

Conductor: Soft Bare Copper wire to ASTM B-3



PHYSICAL DATA							TECHNICAL DATA	
REB Item Code	Code Name	Size of conductor	Nominal Area of conductor	Number of strands	Diameter of wire	Approx. weight of conductor	Maximum breaking load	Maximum D.C resistance of conductor at 25 °C
		AWG	mm ²	no.	mm	kg/km	kgf	W/km
D-6	Jumper Wire	6	13.30	1	4.1148	118.4	346	1.404