

STRANDED GALVANIZED GUY WIRE

APPLICATION

Guy Wire is composed of galvanized steel wires in various strengths and zinc coatings. Messenger Wire, Overhead Ground or Static Wire, Guy Wire.

CONSTRUCTION

Conductor: Stranded Galvanized Steel wire to Class-A to ASTM B-498



STANDARD

ASTM A-475 & ASTM B-498
BS 183

PHYSICAL DATA					TECHNICAL DATA
Name of item	Nominal cross sectional area of conductor	Number of strands & diameter of wire	Overall diameter	Approx. Weight of cable	Minimum breaking load
	mm ²	no./mm	mm	kg/km	kgf
Guy wire	30.62	7/2.36	7.1	240	3885
Guy wire	54.55	7/3.15	9.5	430	6400

HDPE INSULATED ACSR CONDUCTOR

APPLICATION

High density polyethylene covered steel reinforced concentric-lay-stranded aluminium conductors (ACSR), to be used as 15 kV insulated tree wire on distribution lines.

CONSTRUCTION

Conductor:
Stranded Galvanized Steel wire, Class-A to ASTM B-498
Stranded Aluminium wire, 1350-H19 to ASTM B-232



STANDARD

ASTM B-230, B- 232, B-498
NEMA WC-7
ICEA S-66-524

Insulation: HDPE, NEMA WC-7

PHYSICAL DATA					TECHNICAL DATA				
REB Item Code	Conductor Size	Number of Strands & Diameter of wire		Insulation Thickness	Approx. Overall diameter of conductor	Approx. Weight of conductor	Minimum breaking strength	Maximum D.C resistance of conductor at 20 °C	Current rating at 35 °C ambient temp.
		Al	Steel						
	AWG	no./mm	no./mm	mm	mm	kg/km	kgf	W/km	Amp
D-59	2	6/2.67	1/2.67	3.81	15.646	274	1228	0.853	126
D-61	1/0	6/3.37	1/3.37	3.81	17.729	370	1887	0.535	168
D-62	4/0	6/4.77	1/4.77	3.81	21.92	634	3598	0.2672	260