

16mm² Twin Wire/Conductor Application

Conductor twin cable primarily used for 120 volt overhead service applications such as street lighting, outdoor lighting, and temporary service for construction. To be used at voltages of 600 volts phase-to-phase or less and at conductor temperatures not to exceed 75°C for polyethylene (PVC) insulated conductors or 90°C for cross-linked polyethylene (XLPE) insulated conductors.

16mm² Twin Wire/Conductor Standard

Conductor twin cable meets or exceeds the following specifications

- B-230 Aluminum Wire, 1350-H19 for Electrical Purposes.
- B-231 Aluminum Conductors, Concentric-Lay-Stranded.
- B-232 Aluminum Conductors, Concentric-Lay-Stranded, Coated Steel Reinforced (ACSR).
- B-399 Concentric-Lay-Stranded 6201-T81 Aluminum Alloy Conductors.
- B-901 Compressed Round Stranded Aluminum Conductors Using Single Input Wire

16mm² Twin Wire/Conductor Parameter

1	TYPE:		AAC/PVC Covered 2 Core 16mm ²
	b) Country of origin	Name	China
	c) Rated voltage	kV	0.6/1
2	Applies Standard		BS 6485; IEC 61059
3	Conductor:		
	a) Material	-	Hard drawn aluminium
	b) Normal section area	mm ²	16
	c) Conductor shape	-	Stranded Circular
	d) Number of core	each	2
	e) Number and diameter of individual wire	No./mm	7/1.70
4	f) Conductor diameter	mm	5.1
	Insulation:		
	a) Material	-	PVC(weather resistant)
	b) Color	-	Black
4	c) Average insulation Thickness	mm	≥1.0
	d) Minimum insulation thickness at any point	mm	0.8
5	Core identification		Number and Ribs
6	Approx. Overall/Outer diameter of cable	mm	4.0*15.5
7	Max. DC. conductor resistance at 20°C	Ohm/km	1.813
8	Per core Breaking strength	KN	2.827
9	Approx. weight of cable	Kg/km	150