Allied Cables

Item code T - 3431

Schedule Of Technical Particulars

Triplex Cable 2 AWG (Lobster)

Phase Cores

1	Material		→	Aluminium 1350 (H19)	
2	Conductor Size		→	2 AWG	
3	Nominal Area		→	33.6	mm
4	Number of Aluminium Wire		→	7	
5	Shape of the Conductor		→	Stranded Compressed	
6	Compressed Diameter	(Nominal)	→	7.2	mm
7	Rated Strength	Min	→	5.99	kN
8	Lay Direction		→	Z	Right Hand
9	Phase Core Lay Factor	Min	→	8	
		Max	→	16	
10	Calculated DC Resistance at 20°C	Max	→	0.856	Ω/km
11	Insulation Material		→	XLPE	
12	Insulation Colour		→	Black	
13	Insulation Thickness	avg	→	1.5	mm
		Min	→	1.4	mm
14	Core Identification	Phase 1	→	Plain	
		Phase 2	→	1 Ridge	

Neutral Core

15	Material		→	Aluminium Alloy 6201	
16	Conductor Size		→	2 AWG	
17	Nominal Area		→	33.6	mm²
18	Construction		→	7/2.47	mm
19	Shape of Conductor		→	Circular Stranded	
20	Rated Strenth	Min	→	10.25	kN
21	Lay Direction		→	Z	Right Hand
22	Neutral Core Lay Factor	Min	→	10	
		Max	→	16	
23	Calculated DC Resistance at 20°C	Max	→	0.992	Ω/km
24	Core Identification		→	Bare	

Complete Cable

25	Maximum Lay Pitch		→	85	cm
26	Lay Direction		→	Z	Right Hand
27	Marking to be Engraved	Phase 1	→	Manufacturers name	

Reference Standards: ASTM B231-90, ASTM 230, Customer Specification, NFC 33-209, ASTM B 901

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Techinical Services Department
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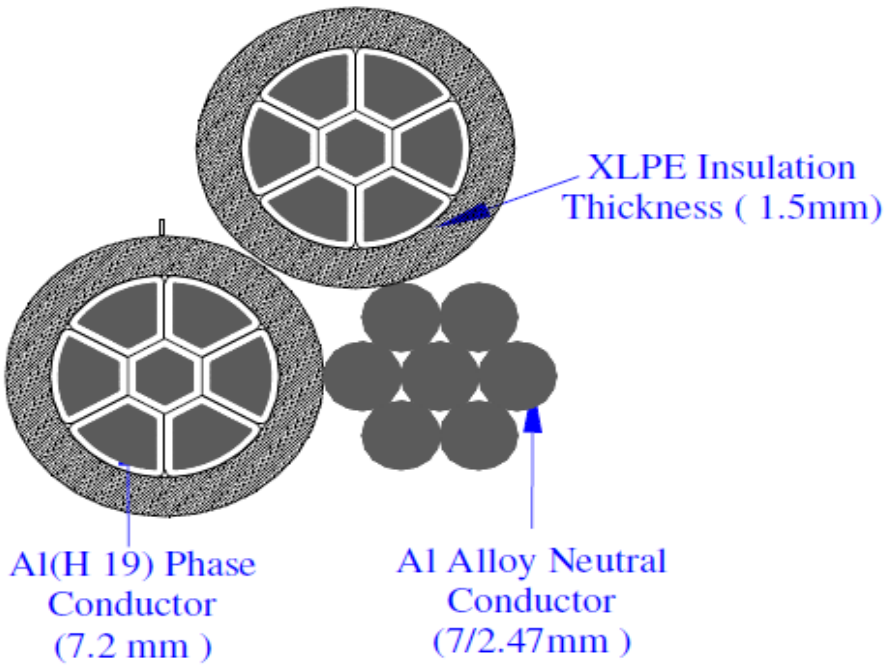
Date of issue: 23/08/2017
Issue No: 01



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all dimensions are in mm

Allied Cables	**Allied Cables Ltd**	Allied Works, Liverpool Road, Warrington, Cheshire WA5 1AP	
	AL/XLPE Triplex Cable 2 AWG (Lobster)		
	Item Code: T - 3431		
	Checked: Eng EX	**Approved: EE(TSD)**	
	Date: 30.10.17	**Scale:**	not to scale