

Allied Export

Please find below a selection of our fast moving products, for full product list and further information please get in touch with us on +44 (0)1925 232662 or email us at mail@alliedexport.co.uk

Covered Conductor AAC / XLPE - Annona

1 General

i) Manufacturers name	→	Allied Cables Ltd
ii) Conductor Type	→	AAC - Tulip Covered ANNONA
iii) Standards Applicable	→	ASTM B 231, B 230

2 Aluminium Wire (1350 - H19)

i) Diameter	→	3.38	mm
ii) Density	→	2700	kg/m ³
iii) Resistivity at 20°C (individual test)	Max →	0.028265	μΩ .m
iv) Breaking Strength	Min →	1.55	kN
v) Coefficient of liner expansion	→	23 x 10	/°C

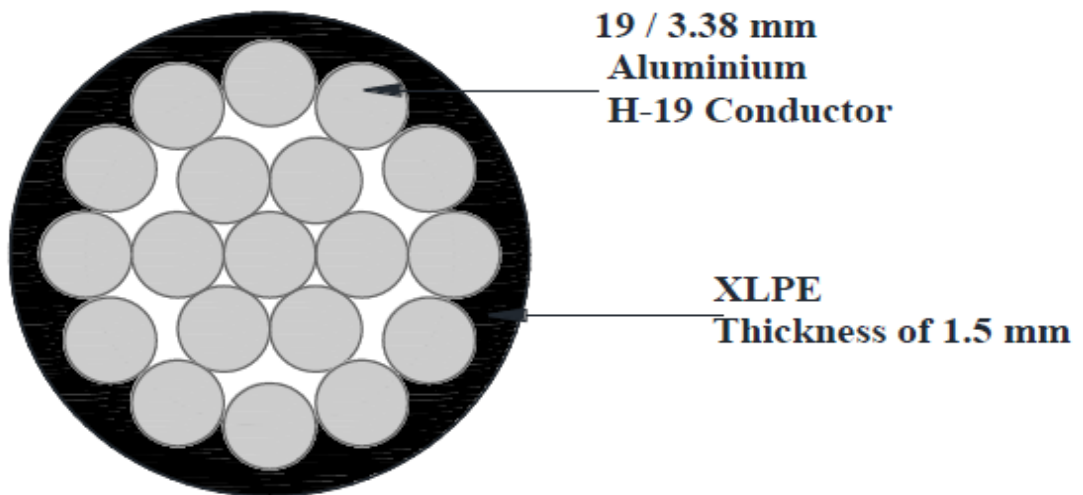
3 AAC Conductor

i) Aluminium Wires	→	19	
ii) Overall diameter	→	16.90	mm ²
iii) Nominal Aluminium Alloy Area	→	170.5	mm ²
iv) Lay ratio for core (6 wire layer)	Max →	8	
	Min →	16	
Lay ratio for core (12 wire layer)	Max →	8	
	Min →	16	
v) Lay Direction	→	Right Hand	
vi) Breaking Strength	→	27.3	kN
vii) Calculated DC resistance at 20°C	Max →	0.1686	Ω/km
viii) Coefficient of linear expansion	→	23 x 10	/°C

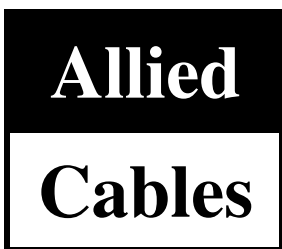
4 AAC / XLPE Conductor

i) Type of Covering	→	XLPE	
ii) Covering Thickness	Nom →	1.5	
	Min →	1.4	
iii) Color of Covering	→	Black	
iv) Overall Diameter	Appro →	19.5	mm

R.A Arunajith Perera
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Allied Cables Ltd		Allied Works, Liverpool Road, Warrington, Cheshire WA5 1AP	
19/3.38mm AAC(H-19) - Tulip Covered Annona			
Item Code: T - 3130			
Checked: Eng.Ex		Approved: EE (TSD)	
Date:	22.06.2016	Scale:	not to scale