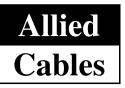


Please find below a selection of our fast moving products, for full product list and further information please get in touch with us on +44 (0)1925 232662 or email us at mail@alliedexport.co.uk



Schedule Of Technical Particulars

ltem code T - 21 sub

3 x 70 + 1 x 54.6mm² Aerial Bundled Conductors

1	Applicable Standards		→	NFC 33-209, IEC502, IEC1089, IEC228		
2	Number of Strands in					
	i. Phase Conductors		→	12		
	ii. Neutral Messenger		\rightarrow	7		
3	Nominal Cross Sectional Area of					
	i. Phase Conductors		\rightarrow	70	mm	
	ii. Neutral Messenger		\rightarrow	54.6	mm	
4	Maximum Linear Resistance of Conductor at 20°C for					
	i. Phase Conductors		\rightarrow	0.443	Ω/km	
	ii. Neutral Messenger		→	0.630	Ω/km	
5	Minimum Breaking Strength of					
	i. Phase Conductors		→	840	daN	
	ii. Neutral Messenger		→	1660	daN	
6	Nominal Diameter of Strands of					
	i. Phase Conductors		\rightarrow	2.74	mm	
	ii. Neutral Messenger		→	3.15	mm	
7	Diameter of Bare Conductors					
	i. Phase Conductors	Max	\rightarrow	10.02	mm	
		Min	→	9.7	mm	
	ii. Neutral Messenger	Max	→	9.6	mm	
		Min	\rightarrow	9.2		
8	Thickness of Insulating Sheath					
	i. Phase Conductors	Avg	\rightarrow	1.8	mm²	
		Min	\rightarrow	1.52	mm	At 1 point
	ii. Neutral Messenger	Avg	\rightarrow	1.6	mm	
		Min	\rightarrow	1.34	mm	
9	Insulated Cable Outside Diameter					
	i. Phase Conductors	Max	→	14.2	mm	
		Min	→	13.3	mm	
	ii. Neutral Messenger	Max	→	13.0	mm	
		Min	\rightarrow	12.3	mm	
10	Co-Efficient Of Linear Expansion					
	i. AL Conductors		\rightarrow	23 x 10 ⁻⁶	per ⁰C	
	ii. AL Alloy Conductors		\rightarrow	23 x 10 ⁻⁶	per ⁰C	
11	Modules Of Elasticity					
	i. Aluminium Conductor		\rightarrow	56000	Мра	
	ii. Aluminium Alloy Conductor		\rightarrow	62000	Мра	

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