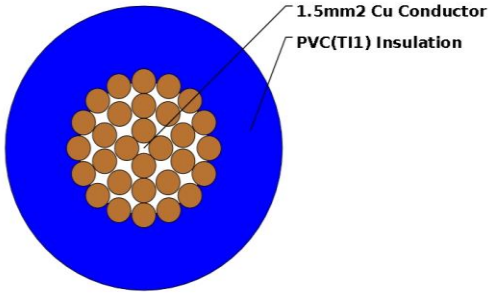
METSEC CABLES LIMITED

Technical Datasheet

Cable Code: CAUTPC001501BU1>
Description: METSEC AUTO CABLE 1.50MM BLUE (Roll=100m)
Reference: NYAF / H07V-K
Standard: BS EN 50525-2-31



Main Application:

For indoor fixed installations in dry locations, where particular flexibility is required. For electrical panels connection, electrical apparatus or automotive. They can be laid in groups around steel sheet

Parameters:

Physical	Conductor		Copper	
	Insulation		PVC	
	Cross sectional area		1.5	sq mm
	No. of Cores:		1	
	Nom. Thickness of Insulation		0.8	mm
	Nom. Overall Diameter		3.12	mm
	Nom. Weight		2.17	kg/m
	Conductor Class		5	
	Colour of Insulation		Blue	
Electrical	Rated Voltage (U_0/U)		450/750	V
	Max. permissible operating voltage in AC systems (U_m)		0.825	kV
	AC Test voltage over 5 minutes		3.125	kV
	Max. Conductor D.C Resistance	20°C	13.3	Ohms
	Max. Conductor D.C Resistance	@ 70°C	15.91	Ohms
	Min. Insulation Resistance		5	MΩ.km
	Short Circuit Current Rating for 1 second duration		0.1725	kA
Thermal	Maximum conductor operating temperature:		70	°C
	Lowest ambient temperature for fixed installation:		-40	°C
	Lowest installation temperature:		-5	°C
	Maximum short-circuit conductor temperature:		+160	°C
Mechanical	Tensile load		22.5	N/mm^2
	Min. bending radii (BS 7671)		3 * d	
Chemical	Resistance to oil:	According to IEC Standard		
	Flame Retardant:	IEC 60332-1-2		

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