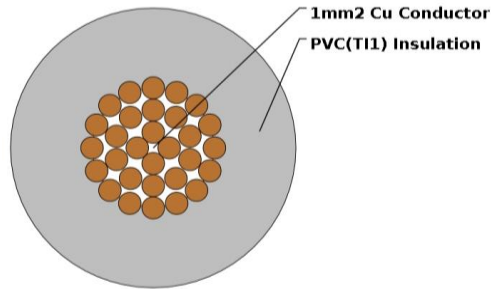


Cable Code: CAUTPC001001GY1>
Description: METSEC AUTO CABLE 1.00MM GREY (Roll=100m)
Reference: NYAF / H07V-K
Standard: BS EN 50525-2-31



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 sq mm
	No. of Cores:	1
	Nom. Thickness of Insulation	0.8 mm
	Nom. Overall Diameter	2.84 mm
	Nom. Weight	1.63 kg/m
	Conductor Class	5
Colour of Insulation	Grey	
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	19.5 Ohms
	Max. Conductor D.C Resistance @ 70°C	23.33 Ohms
	Min. Insulation Resistance	5 MΩ.km
Short Circuit Current Rating for 1 second duration	0.115 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	15 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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