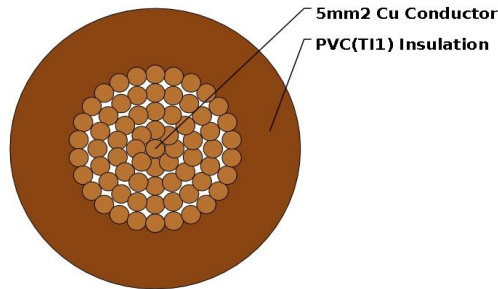


**Cable Code:** CAUTPC005001BR1>  
**Description:** METSEC AUTO CABLE 5.00MM BROWN (Roll=100m)  
**Reference:** NYAF / H07V-K  
**Standard:** BS EN 50525-2-31



### 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:

<b>Physical</b>	Conductor	Copper
	Insulation	PVC
	Cross sectional area	5 sq mm
	No. of Cores:	1
	Nom. Thickness of Insulation	1 mm
	Nom. Overall Diameter	4.96 mm
	Nom. Weight	4.45 kg/m
	Conductor Class	5
Colour of Insulation	Brown	
<b>Electrical</b>	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	3.44 Ohms
	Max. Conductor D.C Resistance @ 70°C	4.12 Ohms
	Min. Insulation Resistance	5 MΩ.km
Short Circuit Current Rating for 1 second duration	0.575 kA	
<b>Thermal</b>	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
<b>Mechanical</b>	Tensile load	75 N/mm <sup>2</sup>
	Min. bending radii (BS 7671)	3 * d
<b>Chemical</b>	Resistance to oil:	According to IEC Standard
	Flame Retardant:	IEC 60332-1-2

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