



PVC INSULATED PVC SHEATHED FLEXIBLE CORD

MS 2112-5 IEC 60227-5 BS EN 50525-2-11

300 / 500V
90°C



CONSTRUCTION

Conductor	Finely stranded annealed copper conductor according to IEC 60228, class 5										
Insulation	PVC compound										
Insulation colour	<table border="1"> <thead> <tr> <th>Number of cores</th> <th>Colour of cores</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>BU BR </td> </tr> <tr> <td>3</td> <td>GN/YE BU BR </td> </tr> <tr> <td>4</td> <td>GN/YE BR BL GR </td> </tr> <tr> <td>5</td> <td>GN/YE BU BR BL GR </td> </tr> </tbody> </table>	Number of cores	Colour of cores	2	BU BR	3	GN/YE BU BR	4	GN/YE BR BL GR	5	GN/YE BU BR BL GR
Number of cores	Colour of cores										
2	BU BR										
3	GN/YE BU BR										
4	GN/YE BR BL GR										
5	GN/YE BU BR BL GR										
Sheath	PVC compound										
Sheath colour	Grey unless otherwise specified										

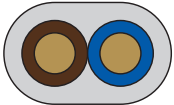
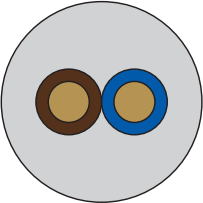
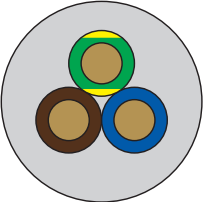
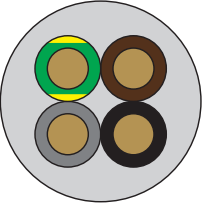
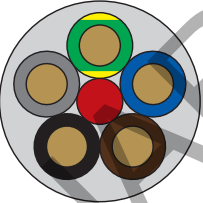
TECHNICAL DATA

Temperature range	-5°C up to 90°C
Nominal voltage	300 / 500V
Test voltage	2kV / 15min
Flexing Test	30,000 times backward and forward movements of the carrier with load
Behaviour in fire	Flame retardant (self-extinguishing) according to IEC 60332-1-2
Absence of harmful substances	RoHS compliant

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Cross-sectional view	Number and nominal cross-sectional area of conductors	Thickness of Insulation Specified value	Thickness of Sheath Specified value	Mean overall dimensions	
				Lower limit	Upper limit
	no./mm ²	mm	mm	mm	mm
	2 x 0.75	0.6	0.8	5.7 or 3.7 x 6.0	7.2 or 4.5 x 7.2
	2 x 1	0.6	0.8	5.9 or 3.9 x 6.2	7.5 or 4.7 x 7.5
	2 x 1.5	0.7	0.8	6.8 or 4.2 x 7.0	8.6 or 5.2 x 8.6
	2 x 2.5	0.8	1.0	8.4	10.6
	2 x 4	0.8	1.1	9.7	12.1
	3 x 0.75	0.6	0.8	6.0	7.6
	3 x 1	0.6	0.8	6.3	8.0
	3 x 1.5	0.7	0.9	7.4	9.4
	3 x 2.5	0.8	1.1	9.2	11.4
	3 x 4	0.8	1.2	10.5	13.1
	4 x 0.75	0.6	0.8	6.6	8.3
	4 x 1	0.6	0.9	7.1	9.0
	4 x 1.5	0.7	1.0	8.4	10.5
	4 x 2.5	0.8	1.1	10.1	12.5
	4 x 4	0.8	1.2	11.5	14.3
	5 x 0.75	0.6	0.9	7.4	9.3
	5 x 1	0.6	0.9	7.8	9.8
	5 x 1.5	0.7	1.1	9.3	11.6
	5 x 2.5	0.8	1.2	11.2	13.9
	5 x 4	0.8	1.4	13.0	16.1