

Cavi G51



Declaration of Performance (DoP) CPR

Construction	
Conductor	Rigid Tinned Copper Conductor
Insulation	Polyethylene Insulation CEI EN 50290-2-23 – Ø 0,80 mm – Thick. mm 0,30 Ø – Ext. Ø mm 1,45 ± 0,02
Cores twisted	in pairs and stranded in layers
Tape	LS0H outer sheath, TM7 quality Grey CEI EN 50363
Printing	SUD CAVI – G51 – SEZ. – H-FREI UNSHEILD WWW/YY (Batch/Num.) 001m Eca
Colour Code	Standard DIN VDE 0815

Electrical properties	
Nominal Tension	U0/U = 300/300 V
Test Voltage	2000 V
Insulation Resistance	>1 GΩxkm
Mutual Capacitance Ø 0,60 mm	Max. 120 nF/Km
Mutual Capacitance Ø 0,80 mm	Max. 100 nF/Km
Operating Temperature	-10° + 70° C

Rules
IEC 60754 / IEC 745-2 – IEC 61034-1

Item Nr	Section mm ²	Thick. Jacket mm ± 0,02	External Ø mm ± 0,2	Organic Mat. g/m ± 1,0	Cable Mass g/m ± 1,0
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G51-1-06	1x2x0,6	0,60	3,30	12,2	17,0
G51-2-06	2x2x0,6	0,60	4,70	16,4	26,0
G51-3-06	3x2x0,6	0,60	5,30	27,6	42,0
G51-4-06	4x2x0,6	0,65	5,80	30,8	50,0
G51-5-06	5x2x0,6	0,70	6,30	33,0	57,0
G51-1-08	1x2x0,8	0,60	4,20	18,6	27,0
G51-2-08	2x2x0,8	0,65	6,30	29,2	46,0
G51-3-08	3x2x0,8	0,70	7,00	33,8	59,0
G51-4-08	4x2x0,8	0,70	8,10	36,4	70,0
G51-5-08	5x2x0,8	0,75	9,20	40,0	82,0



SUD CAVI SRL

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