

Cavi G51 H-FREI SHEILD



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	PET
All-Pet	Tape + Drain wire
Sheath	LS0H outer sheath, TM7 quality Grey CEI EN 50363
Printing	SUD CAVI – G51 – SEZ. – H-FREI SHEILD 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
G51-1-06S	1x2x0,6	0,60	3,50	19,7	26,0
G51-2-06S	2x2x0,6	0,60	4,90	28,9	40,0
G51-3-06S	3x2x0,6	0,60	5,50	34,1	50,0
G51-4-06S	4x2x0,6	0,65	6,10	39,3	60,0
G51-5-06S	5x2x0,6	0,70	6,70	46,5	72,0
G51-1-08S	1x2x0,8	0,60	4,40	22,1	32,0
G51-2-08S	2x2x0,8	0,60	6,50	33,7	52,0
G51-3-08S	3x2x0,8	0,65	7,20	41,3	68,0
G51-4-08S	4x2x0,8	0,70	8,30	44,9	80,0
G51-5-08S	5x2x0,8	0,70	9,50	50,5	94,0



SUD CAVI SRL

tel.: 081 8181807 – sudcavi@libero.it – info@sudcavi.it

Sede Legale: Corso della Repubblica n° 138 – 80078 – Pozzuoli (NA)

Sede Operativa: Via Consolare Campana, 349/A – 80010 – Villaricca (NA)