

Cavi U72



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	star-quad and stranded in layers
Tape	LSOH outer sheath, TM7 quality Grey CEI EN 50363
Printing	SUD CAVI – U72 – 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. 50 nF/Km
Mutual Capacitance Ø 0,80 mm	Max. 55 nF/Km
Operating Temperature	-10° + 70° C

Rules

IEC 60754 / IEC 745-2 – IEC 61034-1 / IEC 189-2

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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U72-1-05	1x4x0,5	0,60	3,50	12,6	19,0
U72-2-05	2x4x0,5	0,60	5,30	17,2	30,0
U72-3-05	3x4x0,5	0,60	5,80	20,8	40,0
U72-4-05	4x4x0,5	0,65	6,40	24,4	50,0
U72-5-05	5x4x0,5	0,70	7,60	28,0	60,0
U72-1-08	1x4x0,8	0,60	4,90	19,2	36,0
U72-2-08	2x4x0,8	0,65	8,10	38,4	72,0
U72-3-08	3x4x0,8	0,70	8,90	54,6	105,0
U72-4-08	4x4x0,8	10,20	10,20	62,8	130,0
U72-5-08	5x4x0,8	11,80	11,80	66,0	150,0



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)