

300/500 V

PVC INSULATED MULTI-CORE CABLES



NVV • 05VV-U 05VV-R (TSE) • NYM(VDE) Cu/PVC/PVC(BS)

Code	NVV, 05VV-U , 05VV-R (TSE), NYM(VDE), Cu/PVC/PVC (BS)
Standarts	TS HD 21.4 S2, VDE 0281, BS 6004, IEC 60227
Construction	Copper conductor, PVC insulation, PVC filler, PVC outer sheath.
Application	Fixed wiring in dry and damp premises, in conduits, on or under plaster and on insulators over plaster, switching and distribution panels.
Technical Datas	Max. Operating temperature 70 °C Short circuit temperature 160 °C Min. Bending radius 12*D D:Cable outer diameter (mm)

Dimensions and Weights				Electrical Information	
Nominal cross-section	Overall Diameter	Net Weight	Standart delivery lenght	Conductor DC (maks.) resistance at 20 °C	Current carrying capacity in
					Air (A)
mm ²	mm	kg/km	m	ohm/km	
2x1.5 re	8,80	105	100	12,1	22
2x2.5 re	10,0	145	100	7,41	30
2x4 re	11,0	195	100	4,61	40
2x6 re	12,0	250	100	3,08	50
2x10 rm	16,0	420	100	1,83	70
2x16 rm	18,0	590	1000	1,15	93
2x25 rm	21,0	860	1000	0,727	108
2x35 rm	23,0	1150	1000	0,524	135
3x1.5 re	9,0	125	100	12,1	22
3x2.5 re	10,5	175	100	7,41	30
3x4 re	11,5	240	100	4,61	40
3x6 re	13,0	325	100	3,08	50
3x10 rm	16,5	520	100	1,83	70
3x16 rm	19,0	740	1000	1,15	93
3x25 rm	22,0	1100	1000	0,727	108
3x35 rm	25,0	1460	1000	0,524	135
4x1.5 re	10,0	145	100	12,1	18
4x2.5 re	11,5	215	100	7,41	24
4x4 re	13,0	300	100	4,61	32
4x6 re	14,0	410	100	3,08	42
4x10 rm	18,5	645	100	1,83	60
4x16 rm	21,0	930	1000	1,15	80
4x25 rm	24,5	1400	1000	0,727	100
4x35 rm	27,5	1900	1000	0,524	124
5x1.5 re	11,0	180	1000	12,1	18
5x2.5 re	12,0	250	1000	7,41	24
5x4 re	14,0	360	1000	4,61	32
5x6 re	16,0	480	1000	3,08	42
5x10 rm	20,0	800	1000	1,83	60
5x16 rm	23,0	1150	1000	1,15	80
5x25 rm	27,5	1700	1000	0,727	100
5x35 rm	31,0	2300	1000	0,524	124

re : Single-wire conductor
rm : Stranded conductor