



TECHNICAL DATA SHEET

NVV, (NYM)

CU/PVC/PVC/PVC

CABLE

Date	04.05.2021
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Cable Type : SHEATHED CABLES FOR FIXED WIRING



CERTIFICATE/APPROVAL



CABLE DESCRIPTION

CONSTRUCTION	
STANDARD	: HD 21.4 S2
(1) CONDUCTOR	: CLASS 1 & 2 EN 60228 RE: Class 1 solid copper conductor RM: Class 2 stranded copper conductor
(2) INSULATION	: PVC (Polyvinyl Chloride) Type TI 1
(3) FILLER	: PVC (Polyvinyl Chloride)
(4) SHEATH	: PVC (Polyvinyl Chloride) Type TM 1
CHARACTERISTICS	
OPERATING TEMPERATURE	: -5°C / +70 °C
MAX. SHORT CIRCUIT TEMPERATURE	: 160 °C (max. 5 sec.)
NOMINAL VOLTAGE (U ₀ /U)	: 300 / 500 V
TEST VOLTAGE	: 2000 V
MINIMUM BENDING RADIUS	: 10 x D D: Cable Diameter
INSULATION COLOR	
HD 308 S2	
2 core.: Blue – Brown	
3 core.: Green/Yellow – Blue – Brown	
4 core.: Green/Yellow – Brown – Black – Grey	
5 core.: Green/Yellow – Blue – Brown – Black – Grey	
FLAME RETARDANT	
IEC 60332-1-2	
APPLICATIONS	
Used for fixed wiring in dry and damp premises, in conduits on and under plaster, can not be used for under ground laying.	



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CABLE DIAMETERS

NUMBER AND NOMINAL CROSS-SECTIONAL AREA OF CONDUCTORS	CONDUCTOR TYPE	COPPER DIMENSION	THICKNESS OF INSULATION SPECIFIED VALUE	THICKNESS OF SHEATH SPECIFIED VALUE	AVERAGE OVERALL DIAMETER	MAX. RESISTANCE at 20°C	CURRENT CARRYING CAPACITY
							IN AIR at 30 °C
mm ²		mm	mm	mm	mm	Ω/km	A
2 x 1,5	RE	1,365	0,70	1,20	8,75	12,10	18
2 x 2,5	RE	1,74	0,80	1,20	9,90	7,41	26
2 x 4	RE	2,19	0,80	1,20	10,80	4,61	34
2 x 6	RE	2,69	0,80	1,20	11,80	3,08	44
2 x 10	RM	7/1,34	1,00	1,40	15,90	1,83	61
2 x 16	RM	7/1,69	1,00	1,40	17,90	1,15	82
2 x 25	RM	7/2,19	1,20	1,40	21,20	0,727	108
2 x 35	RM	7/2,60	1,20	1,60	24,20	0,524	135
3 x 1,5	RE	1,365	0,70	1,20	9,20	12,10	18
3 x 2,5	RE	1,74	0,80	1,20	10,45	7,41	26
3 x 4	RE	2,19	0,80	1,20	11,40	4,61	34
3 x 6	RE	2,69	0,80	1,40	12,90	3,08	44
3 x 10	RM	7/1,34	1,00	1,40	16,85	1,83	61
3 x 16	RM	7/1,69	1,00	1,40	19,45	1,15	82
3 x 25	RM	7/2,19	1,20	1,60	22,95	0,727	108
3 x 35	RM	7/2,60	1,20	1,60	25,75	0,524	135
4 x 1,5	RE	1,365	0,70	1,20	9,90	12,10	18
4 x 2,5	RE	1,74	0,80	1,20	11,35	7,41	26
4 x 4	RE	2,19	0,80	1,40	12,80	4,61	34
4 x 6	RE	2,69	0,80	1,40	14,40	3,08	44
4 x 10	RM	7/1,34	1,00	1,40	18,40	1,83	61
4 x 16	RM	7/1,69	1,00	1,40	21,25	1,15	82
4 x 25	RM	7/2,19	1,20	1,60	25,55	0,727	108
4 x 35	RM	7/2,60	1,20	1,60	28,20	0,524	135
5 x 1,5	RE	1,365	0,70	1,20	10,70	12,10	18
5 x 2,5	RE	1,74	0,80	1,20	12,25	7,41	26
5 x 4	RE	2,19	0,80	1,40	14,25	4,61	34
5 x 6	RE	2,69	0,80	1,40	15,60	3,08	44
5 x 10	RM	7/1,34	1,00	1,40	20,10	1,83	61
5 x 16	RM	7/1,69	1,00	1,60	23,60	1,15	82
5 x 25	RM	7/2,19	1,20	1,60	27,90	0,727	108
5 x 35	RM	7/2,60	1,20	1,60	31,25	0,524	135

Due to variables in production, the information on this data sheet is approximate and subject to change without any notice.

