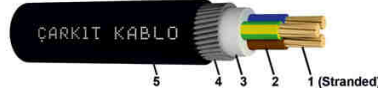







Cable Type : 0,6/1 kV PVC INSULATED, ROUND STEEL WIRE ARMoured, MULTI-CORE CABLES WITH COPPER CONDUCTORS.



CERTIFICATE/APPROVAL



CABLE DESCRIPTION

CONSTRUCTION	
STANDARD	: IEC 60502-1
(1) CONDUCTOR	: CLASS 1 & 2 EN 60228 RE: Class 1 solid copper conductor RM: Class 2 stranded copper conductor
(2) INSULATION	: PVC (Polyvinyl Chloride)
(3) FILLER	: PVC (Polyvinyl Chloride)
(4) ARMOUR	: Galvanized Round Steel Wires
(5) SHEATH	: PVC (Polyvinyl Chloride)
CHARACTERISTICS	
OPERATING TEMPERATURE	: -5°C / +70 °C
MAX. SHORT CIRCUIT TEMPERATURE	: 160 °C (max. 5 sec.)
NOMINAL VOLTAGE (U ₀ /U)	: 600 / 1000 V
TEST VOLTAGE	: 3500 V
MINIMUM BENDING RADIUS	: 12 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	
SHEATH COLOUR	
● Black	
FLAME RETARDANT IEC 60332-1-2	
	
APPLICATIONS	
Indoors and outdoors, in cable ducts, underground, in power or switching stations, local energy distributions, industrial plants, where there is no risk of mechanical damage.	



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 GROUND at 20 °C	IN AIR at 30 °C
mm ²		mm	mm	mm	mm	Ω/km	A	A
2 x 1,5	RE	1,365	0,80	1,80	13,30	12,10	32	20
2 x 2,5	RE	1,74	0,80	1,80	14,10	7,41	42	27
2 x 4	RE	2,19	1,00	1,80	16,50	4,61	52	37
2 x 6	RE	2,69	1,00	1,80	17,50	3,08	68	48
2 x 10	RM	7/1,34	1,00	1,80	19,90	1,83	90	66
2 x 16	RM	7/1,69	1,00	1,80	22,10	1,15	116	89
3 x 1,5	RE	1,365	0,80	1,80	13,80	12,10	26	18,5
3 x 2,5	RE	1,74	0,80	1,80	14,70	7,41	34	25
3 x 4	RE	2,19	1,00	1,80	17,20	4,61	44	34
3 x 6	RE	2,69	1,00	1,80	18,30	3,08	56	43
3 x 10	RM	7/1,34	1,00	1,80	20,90	1,83	75	60
3 x 16	RM	7/1,69	1,00	1,80	24,00	1,15	98	80
3 x 25	RM	7/2,19	1,20	1,80	27,50	0,727	128	106
3 x 35	RM	7/2,60	1,20	1,80	29,50	0,524	157	131
3 x 50	RM	10/2,60	1,40	1,80	33,50	0,387	185	159
4 x 1,5	RE	1,365	0,80	1,80	14,60	12,10	26	18,5
4 x 2,5	RE	1,74	0,80	1,80	16,40	7,41	34	25
4 x 4	RE	2,19	1,00	1,80	18,30	4,61	44	34
4 x 6	RE	2,69	1,00	1,80	19,50	3,08	56	43
4 x 10	RM	7/1,34	1,00	1,80	23,10	1,83	75	60
4 x 16	RM	7/1,69	1,00	1,80	25,80	1,15	98	80
4 x 25	RM	7/2,19	1,20	1,80	29,50	0,727	128	106
4 x 35	RM	7/2,60	1,20	1,80	32,50	0,524	157	131
4 x 50	RM	10/2,60	1,40	1,90	37,50	0,387	185	159
5 x 1,5	RE	1,365	0,80	1,80	16,30	12,10	26	18,5
5 x 2,5	RE	1,74	0,80	1,80	17,40	7,41	34	25
5 x 4	RE	2,19	1,00	1,80	19,60	4,61	44	34
5 x 6	RE	2,69	1,00	1,80	20,90	3,08	56	43
5 x 10	RM	7/1,34	1,00	1,80	24,80	1,83	75	60
5 x 16	RM	7/1,69	1,00	1,80	28,20	1,15	98	80
5 x 25	RM	7/2,19	1,20	1,80	31,70	0,727	128	106
5 x 35	RM	7/2,60	1,20	1,90	35,70	0,524	157	131
5 x 50	RM	10/2,60	1,40	2,00	40,90	0,387	185	159

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

