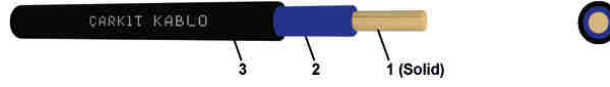
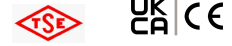


Cable Type : SINGLE CORE PVC INSULATED PVC SHEATHED 0,6/1 KV UNDERGROUND CABLES



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) 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	:	15 x D D = Cable Diameter

INSULATION COLOR

● Blue ● Brown

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 ●●●	A ●●●	A ●●●
1 x 1,5	RE	1,365	0,80	1,40	5,80	12,10	-	-	25	20
1 x 2,5	RE	1,74	0,80	1,40	6,20	7,41	-	-	34	27
1 x 4	RE	2,19	1,00	1,40	7,10	4,61	-	-	45	37
1 x 6	RE	2,69	1,00	1,40	7,60	3,08	-	-	57	48
1 x 10	RM	7/1,34	1,00	1,40	8,75	1,83	-	-	78	66
1 x 16	RM	7/1,69	1,00	1,40	9,75	1,15	127	107	103	89
1 x 25	RM	7/2,19	1,20	1,40	11,20	0,727	163	137	137	118
1 x 35	RM	7/2,60	1,20	1,40	12,30	0,524	195	165	169	145
1 x 50	RM	10/2,60	1,40	1,40	13,85	0,387	230	195	206	176
1 x 70	RM	14/2,60	1,40	1,40	15,45	0,268	282	239	261	224
1 x 95	RM	19/2,60	1,60	1,50	17,60	0,193	336	287	321	271
1 x 120	RM	19/2,98	1,60	1,60	19,40	0,153	382	326	374	314
1 x 150	RM	24/2,98	1,80	1,60	21,20	0,124	428	366	428	361
1 x 185	RM	30/2,98	2,00	1,70	23,25	0,0991	483	414	494	412
1 x 240	RM	37/2,98	2,20	1,80	26,60	0,0754	561	481	590	484

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

