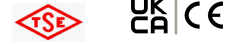








**Cable Type** : MULTI CORE PVC INSULATED PVC SHEATHED 0,6/1 KV UNDERGROUND CABLES



CERTIFICATE/APPROVAL



## CABLE DESCRIPTION

<b>CONSTRUCTION</b>	
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 ) SHEATH	: PVC (Polyvinyl Chloride)
<b>CHARACTERISTICS</b>	
OPERATING TEMPERATURE	: -5°C / +70 °C
MAX. SHORT CIRCUIT TEMPERATURE	: 160 °C (max. 5 sec.)
NOMINAL VOLTAGE (U <sub>0</sub> /U)	: 600 / 1000 V
TEST VOLTAGE	: 3500 V
MINIMUM BENDING RADIUS	: 12 x D D = Cable Diameter
<b>INSULATION COLOR</b> 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	
<b>SHEATH COLOUR</b>	
● Black	
<b>FLAME RETARDANT</b> IEC 60332-1-2	
	
<b>APPLICATIONS</b>	
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 <sup>2</sup>		mm	mm	mm	mm	Ω/km	A	A
2 x 1,5	RE	1,365	0,80	1,80	10,50	12,10	32	20
2 x 2,5	RE	1,74	0,80	1,80	11,30	7,41	42	27
2 x 4	RE	2,19	1,00	1,80	13,00	4,61	54	37
2 x 6	RE	2,69	1,00	1,80	14,00	3,08	68	48
2 x 10	RM	7/1,34	1,00	1,80	16,60	1,83	90	66
2 x 16	RM	7/1,69	1,00	1,80	18,80	1,15	116	89
2 x 25	RM	7/2,19	1,20	1,80	21,60	0,727	150	118
2 x 35	RM	7/2,60	1,20	1,80	23,80	0,524	181	145
2 x 50	RM	10/2,60	1,40	1,80	26,80	0,387	215	176
3 x 1,5	RE	1,365	0,80	1,80	11,00	12,10	26	18,5
3 x 2,5	RE	1,74	0,80	1,80	11,90	7,41	34	25
3 x 4	RE	2,19	1,00	1,80	13,70	4,61	44	34
3 x 6	RE	2,69	1,00	1,80	14,80	3,08	56	43
3 x 10	RM	7/1,34	1,00	1,80	17,80	1,83	75	60
3 x 16	RM	7/1,69	1,00	1,80	20,20	1,15	98	80
3 x 25	RM	7/2,19	1,20	1,80	23,00	0,727	128	106
3 x 35	RM	7/2,60	1,20	1,80	25,40	0,524	157	131
3 x 50	RM	10/2,60	1,40	1,80	28,80	0,387	185	159
3 x 70	RM	14/2,60	1,40	2,00	32,70	0,268	228	202
3 x 95	RM	19/2,60	1,60	2,10	38,90	0,193	275	244
3 x 120	RM	19/2,98	1,60	2,20	41,30	0,153	313	282
3 x 150	RM	24/2,98	1,80	2,30	47,30	0,124	353	324
3 x 185	RM	30/2,98	2,00	2,50	51,80	0,0991	399	372
3 x 240	RM	37/2,98	2,20	2,70	58,40	0,0754	464	436
3 x 16+10	RM	7/1,69	1,00	1,80	21,50	1,15	98	80
3 x 25+16	RM	7/2,19	1,20	1,80	24,90	0,727	128	106
3 x 35+16	RM	7/2,60	1,20	1,80	26,90	0,524	157	131
3 x 50+25	RM	10/2,60	1,40	1,90	30,60	0,387	185	159
3 x 70+35	RM	14/2,60	1,40	2,00	36,10	0,268	228	202
3 x 95+50	RM	19/2,60	1,60	2,20	41,20	0,193	275	244
3 x 120+70	RM	19/2,98	1,60	2,30	44,00	0,153	313	282
3 x 150+70	RM	24/2,98	1,80	2,40	47,30	0,124	353	324
3 x 185+95	RM	30/2,98	2,00	2,60	54,50	0,0991	399	371
3 x 240+120	RM	37/2,98	2,20	2,80	60,70	0,0754	464	436



**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 <sup>2</sup>		mm	mm	mm	mm	Ω/km	A	A
4 x 1,5	RE	1,365	0,80	1,80	11,80	12,10	26	18,5
4 x 2,5	RE	1,74	0,80	1,80	12,80	7,41	34	25
4 x 4	RE	2,19	1,00	1,80	14,80	4,61	44	34
4 x 6	RE	2,69	1,00	1,80	16,00	3,08	56	43
4 x 10	RM	7/1,34	1,00	1,80	19,30	1,83	75	60
4 x 16	RM	7/1,69	1,00	1,80	22,00	1,15	98	80
4 x 25	RM	7/2,19	1,20	1,80	25,70	0,727	128	106
4 x 35	RM	7/2,60	1,20	1,80	28,30	0,524	157	131
4 x 50	RM	10/2,60	1,40	1,90	32,20	0,387	185	159
4 x 70	RM	14/2,60	1,40	2,10	37,10	0,268	228	202
4 x 95	RM	19/2,60	1,60	2,20	43,50	0,193	275	244
4 x 120	RM	19/2,98	1,60	2,30	46,10	0,153	313	282
4 x 150	RM	24/2,98	1,80	2,50	51,10	0,124	353	324
5 x 1,5	RE	1,365	0,80	1,80	12,80	12,10	26	18,5
5 x 2,5	RE	1,74	0,80	1,80	13,90	7,41	34	25
5 x 4	RE	2,19	1,00	1,80	16,30	4,61	44	34
5 x 6	RE	2,69	1,00	1,80	17,60	3,08	56	43
5 x 10	RM	7/1,34	1,00	1,80	21,20	1,83	75	60
5 x 16	RM	7/1,69	1,00	1,80	24,20	1,15	98	80
5 x 25	RM	7/2,19	1,20	1,80	28,10	0,727	128	106
5 x 35	RM	7/2,60	1,20	1,90	31,30	0,524	157	131
5 x 50	RM	10/2,60	1,40	2,00	35,50	0,387	185	159
5 x 70	RM	14/2,60	1,40	2,20	40,90	0,268	228	202
5 x 95	RM	19/2,60	1,60	2,40	48,40	0,193	275	244
5 x 120	RM	19/2,98	1,60	2,50	51,30	0,153	313	282
5 x 150	RM	24/2,98	1,80	2,70	56,80	0,124	353	324

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

