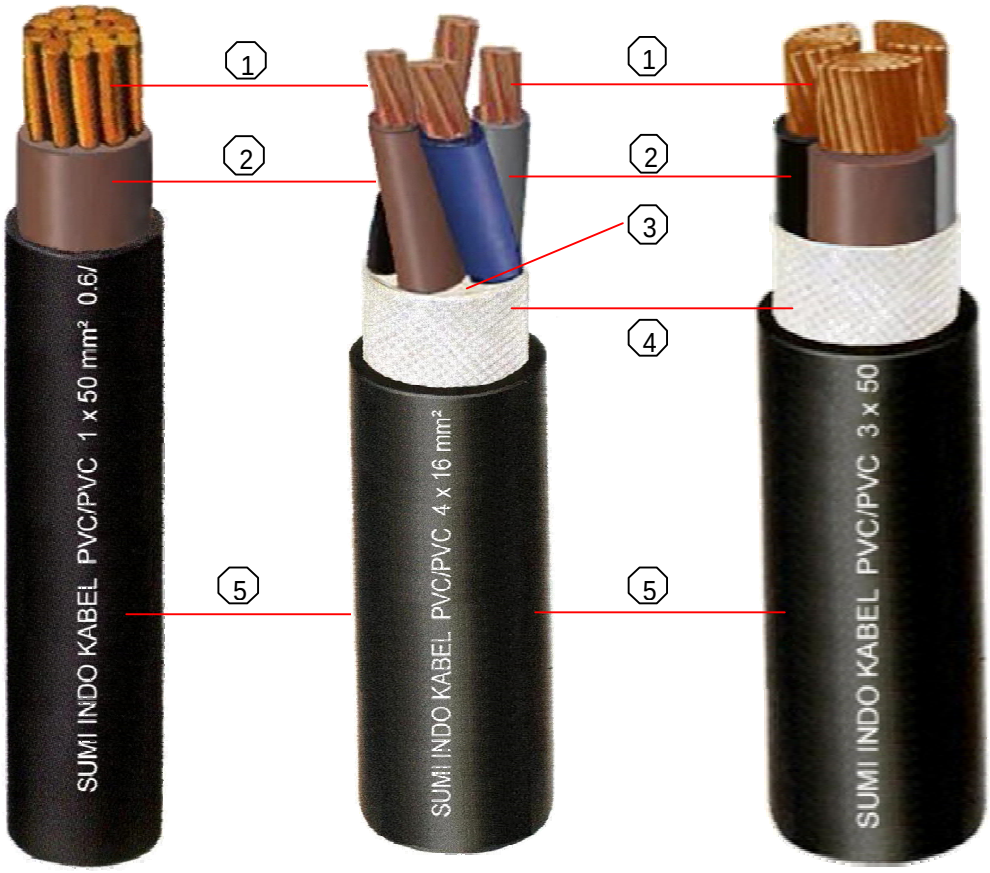
600/1000 V PVC INSULATED AND PVC SHEATHED CABLES
PVC/PVC (acc. to IEC 60502-1)



Constructions :

1. Conductor (Annealed Copper)
2. Insulation (PVC Compound)
3. Filler (Polyprophylene yarn,or extruded filler up to request)
4. Binding tape (Manufacturer's option)
5. Outer sheath (PVC Compound)

Note : Special application upon request

* Available product in accordance to : SPLN, ICEA/NEMA, AS standard or other requirement.
* Flame retardant test acc to IEC 60332-3 Cat. A, B or C.
* Anti termite performance.
* Tin coated Copper conductor.
* Polyethylene / Low smoke Halogen Free sheathed

600/1000 V PVC INSULATED AND PVC SHEATHED CABLES
PVC/PVC (IEC 60502-1)

CONSTRUCTION

Conductor : Plain Annealed Copper
(to IEC 60228 class 1 or 2)

Insulation : PVC Compound type A

Sheath : PVC Compound type ST1

Colour Ident. : Insulation - Brown
Sheath - Black

TECHNICAL DATA

Voltage
Uo/U - 600/1000 V

Operating Temperature
Maximum 70°C

SINGLE CORE

Conductor				Nominal Thickness of Insulation	Nominal Thickness of Sheath	Overall diameter of cable (approx.)	Weight of cable (approx.)	Maximum Conductor Resistance at 20°C
Nominal Cross-section area	Shape of cond.	number of wire	Diameter of Conductor (approx.)					
mm²	-	number	mm	mm	mm	mm	kg/km	Ω/km
1.5	RE	1	1.38	0.8	1.4	5.6	50	12.1
1.5	RM	7	1.6	0.8	1.4	5.8	50	12.1
2.5	RE	1	1.78	0.8	1.4	6.0	60	7.41
2.5	RM	7	2.0	0.8	1.4	6.2	65	7.41
4	RE	1	2.26	1.0	1.4	6.9	85	4.61
4	RM	7	2.6	1.0	1.4	7.2	90	4.61
6	RM	7	3.1	1.0	1.4	7.7	115	3.08
10	RM	7	4.1	1.0	1.4	8.7	160	1.83
16	RM	7	5.1	1.0	1.4	9.7	225	1.15
25	RM	7	6.4	1.2	1.4	11.5	335	0.727
35	RM	7	7.6	1.2	1.4	12.5	440	0.524
50	RM	19	9.2	1.4	1.4	14.5	600	0.387
70	RM	19	10.9	1.4	1.4	16.5	810	0.268
95	RM	19	12.6	1.6	1.5	19.0	1090	0.193
120	RM	37	14.2	1.6	1.5	20.5	1335	0.153
150	RM	37	15.9	1.8	1.6	22.5	1660	0.124
185	RM	37	17.6	2.0	1.7	25.0	2025	0.0991
240	RM	61	20.3	2.2	1.8	28.0	2650	0.0754
300	RM	61	22.7	2.4	1.9	31.0	3275	0.0601
400	RM	61	25.7	2.6	2.0	35.0	4190	0.0470
500	RM	61	28.8	2.8	2.1	38.5	5200	0.0366
630	RM	91	32.6	2.8	2.2	42.5	6505	0.0283
800	RM	127	37.1	2.8	2.3	47.5	8285	0.0221
1000	RM	127	41.6	3.0	2.5	52.5	10360	0.0176

Note *) RE : Round Solid Class 1

RM : Circular Stranded Class 2

600/1000 V PVC INSULATED AND PVC SHEATHED CABLES
PVC/PVC (IEC 60502-1)

CONSTRUCTION

Conductor : Plain Annealed Copper
(to IEC 60228 class 1 or 2)

Insulation : PVC Compound type A

Filler : Suitable material

Sheath : PVC Compound type ST1

Colour Ident. : Insulation - Brown, Blue
Sheath - Black

TECHNICAL DATA

Voltage
Uo/U - 600/1000 V

Operating Temperature
Maximum 70°C

TWO CORES

Conductor				Nominal Thickness of Insulation	Nominal Thickness of Sheath	Overall diameter of cable (approx.)	Weight of cable (approx.)	Maximum Conductor Resistance at 20°C
Nominal Cross-section area	Shape of Conductor	number of wire	Diameter of Conductor (approx.)					
mm²	-	number	mm	mm	mm	mm	kg/km	Ω/km
1.5	RE	1	1.38	0.8	1.8	10.0	115	12.1
1.5	RM	7	1.6	0.8	1.8	10.5	125	12.1
2.5	RE	1	1.78	0.8	1.8	10.5	145	7.41
2.5	RM	7	2.0	0.8	1.8	11.0	155	7.41
4	RE	1	2.26	1.0	1.8	12.5	200	4.61
4	RM	7	2.6	1.0	1.8	13.0	215	4.61
6	RM	7	3.1	1.0	1.8	14.0	270	3.08
10	RM	7	4.1	1.0	1.8	16.0	375	1.83
16	RM	7	5.1	1.0	1.8	18.0	520	1.15
25	RM	7	6.4	1.2	1.8	21.5	765	0.727
35	RM	7	7.6	1.2	1.8	24.0	1000	0.524
50	RM	19	9.2	1.4	1.8	28.0	1370	0.387
70	RM	19	10.9	1.4	1.9	31.5	1825	0.268
95	RM	19	12.6	1.6	2.0	36.0	2440	0.193
120	RM	37	14.2	1.6	2.1	39.5	2990	0.153
150	RM	37	15.9	1.8	2.2	44.0	3715	0.124
185	RM	37	17.6	2.0	2.4	48.5	4545	0.0991
240	RM	61	20.3	2.2	2.6	55.0	5945	0.0754
300	RM	61	22.7	2.4	2.7	60.5	7325	0.0601

Note *) RE : Round Solid Class 1

RM : Circular Stranded Class 2

600/1000 V PVC INSULATED AND PVC SHEATHED CABLES
PVC/PVC (IEC 60502-1)

CONSTRUCTION

Conductor : Plain Annealed Copper (to IEC 60228 class 1 or 2)
Insulation : PVC Compound type A
Filler : Suitable material
Sheath : PVC Compound type ST1
Colour Ident. : Insulation - Brown, Black, Grey
Sheath - Black

TECHNICAL DATA

Voltage
Uo/U - 600/1000 V
Operating Temperature
Maximum 70°C

THREE CORES

Conductor				Nominal Thickness of Insulation	Nominal Thickness of Sheath	Overall diameter of cable (approx.)	Weight of cable (approx.)	Maximum Conductor Resistance at 20°C
Nominal Cross-section area	Shape of conductor	number of wire	Diameter of Conductor (approx.)					
mm²	-	Number	mm	mm	mm	mm	kg/km	Ω/km
1.5	RE	1	1.38	0.8	1.8	10.5	140	12.1
1.5	RM	7	1.6	0.8	1.8	11.0	150	12.1
2.5	RE	1	1.78	0.8	1.8	11.5	180	7.41
2.5	RM	7	2.0	0.8	1.8	11.5	190	7.41
4	RE	1	2.26	1.0	1.8	13.0	260	4.61
4	RM	7	2.6	1.0	1.8	14.0	275	4.61
6	RM	7	3.1	1.0	1.8	15.0	350	3.08
10	RM	7	4.1	1.0	1.8	17.0	500	1.83
16	RM	7	5.1	1.0	1.8	19.0	700	1.15
25	RM	7	6.4	1.2	1.8	23.0	1045	0.727
35	RM	7	7.6	1.2	1.8	25.5	1380	0.524
50	SM	19	6.8	1.4	1.8	24.0	1710	0.387
70	SM	19	8.2	1.4	2.0	27.5	2365	0.268
95	SM	19	9.7	1.6	2.1	32.0	3265	0.193
120	SM	37	10.9	1.6	2.2	34.5	3905	0.153
150	SM	37	11.9	1.8	2.3	37.5	4785	0.124
185	SM	37	13.6	2.0	2.5	42.5	5965	0.0991
240	SM	37	15.8	2.2	2.7	48.0	7970	0.0754
300	SM	37	17.5	2.4	2.9	53.0	9920	0.0601

Note *) RE : Round Solid Class 1
RM : Circular Stranded Class 2
RM : Three Segmental Stranded Compacted Class 2

600/1000 V PVC INSULATED AND PVC SHEATHED CABLES
PVC/PVC (IEC 60502-1)

CONSTRUCTION

Conductor : Plain Annealed Copper (to IEC 60228 class 1 or 2)
Insulation : PVC Compound type A
Filler : Suitable material
Sheath : PVC Compound type ST1
Colour Ident. : Insulation - Brown, Black, Grey, Blue
Sheath - Black

TECHNICAL DATA

Voltage
Uo/U - 600/1000 V
Operating Temperature
Maximum 70°C

FOUR CORES

Conductor				Nominal Thickness of Insulation	Nominal Thickness of Sheath	Overall diameter of cable (approx.)	Weight of cable (approx.)	Maximum Conductor Resistance at 20°C
Nominal Cross-section area	Shape of conductor	number of wire	Diameter of Conductor (approx.)					
mm²	-	Number	mm	mm	mm	mm	kg/km	Ω/km
1.5	RE	1	1.38	0.8	1.8	11.0	170	12.1
1.5	RM	7	1.6	0.8	1.8	11.5	180	12.1
2.5	RE	1	1.78	0.8	1.8	12.0	220	7.41
2.5	RM	7	2.0	0.8	1.8	12.5	235	7.41
4	RE	1	2.26	1.0	1.8	14.5	320	4.61
4	RM	7	2.6	1.0	1.8	15.0	340	4.61
6	RM	7	3.1	1.0	1.8	16.5	435	3.08
10	RM	7	4.1	1.0	1.8	18.5	635	1.83
16	RM	7	5.1	1.0	1.8	21.0	900	1.15
25	RM	7	6.4	1.2	1.8	25.0	1345	0.727
35	RM	7	7.6	1.2	1.8	28.0	1780	0.524
50	SM	19	8.1	1.4	1.9	27.5	2210	0.387
70	SM	19	9.7	1.4	2.1	31.5	3090	0.268
95	SM	19	11.4	1.6	2.2	36.5	4255	0.193
120	SM	37	12.9	1.6	2.4	40.0	5100	0.153
150	SM	37	14.2	1.8	2.5	43.5	6265	0.124
185	SM	37	16.0	2.0	2.7	49.0	7815	0.0991
240	SM	37	18.2	2.2	2.9	54.5	10425	0.0754
300	SM	37	20.6	2.4	3.1	61.0	12985	0.0601

Note *) RE : Round Solid Class 1
RM : Circular Stranded Class 2
RM : Four Segmental Stranded Compacted Class 2

600/1000 V PVC INSULATED AND PVC SHEATHED CABLES
PVC/PVC (IEC 60502-1)

CONSTRUCTION

Conductor : Plain Annealed Copper (to IEC 60228 class 1 or 2)

Insulation : PVC Compound type A

Filler : Suitable material

Sheath : PVC Compound type ST1

Colour Ident. : Insulation - Brown, Black, Grey, Blue, Green / Yellow Stripe
Sheath - Black

TECHNICAL DATA

Voltage
Uo/U - 600/1000 V

Operating Temperature
Maximum 70°C

FIVE CORES

Conductor				Nominal Thickness of Insulation	Nominal Thickness of Sheath	Overall diameter of cable (approx.)	Weight of cable (approx.)	Maximum Conductor Resistance at 20°C
Nominal Cross-section area	Shape of conductor	number of wire	Diameter of Conductor (approx.)					
mm²	-	Number	mm	mm	mm	mm	kg/km	Ω/km
1.5	RE	1	1.38	0.8	1.8	12.0	200	12.1
1.5	RM	7	1.6	0.8	1.8	12.5	215	12.1
2.5	RE	1	1.78	0.8	1.8	13.0	265	7.41
2.5	RM	7	2.0	0.8	1.8	14.0	280	7.41
4	RE	1	2.26	1.0	1.8	15.5	385	4.61
4	RM	7	2.6	1.0	1.8	16.5	410	4.61
6	RM	7	3.1	1.0	1.8	18.0	530	3.08
10	RM	7	4.1	1.0	1.8	20.5	775	1.83
16	RM	7	5.1	1.0	1.8	23.0	1100	1.15
25	RM	7	6.4	1.2	1.8	28.0	1655	0.727
35	RM	7	7.6	1.2	1.9	31.0	2200	0.524
50	RM	19	9.2	1.4	2.1	37.0	3080	0.387

Note *) RE : Round Solid Class 1

RM : Circular Stranded Class 2

600/1000 V PVC INSULATED AND PVC SHEATHED CABLES
PVC/PVC (IEC 60502-1)

CONSTRUCTION

Conductor : Plain Annealed Copper (to IEC 60228 class 1)

Insulation : PVC Compound type A

Filler (if necessary) : Suitable material

Sheath : PVC Compound type ST1

Colour Ident. : Insulation - Black with numbering code
Sheath - Black

TECHNICAL DATA

Voltage
Uo/U - 600/1000 V

Operating Temperature
Maximum 70°C

CONTROL CABLE : 1.5 mm² (Solid conductor)

No of core	Conductor				Nominal Thickness of Insulation	Nominal Thickness of Sheath	Overall diameter of cable (approx.)	Weight of cable (approx.)	Maximum Conductor Resistance at 20°C
	Nominal Cross-section area	Shape of conductor	Number of wire	Diameter of Conductor (approx.)					
	mm²	-	Number	mm	mm	mm	mm	kg/km	Ω/km
6	1.5	RE	1	1.38	0.8	1.8	13.0	230	12.1
7	1.5	RE	1	1.38	0.8	1.8	13.0	245	12.1
8	1.5	RE	1	1.38	0.8	1.8	14.0	280	12.1
9	1.5	RE	1	1.38	0.8	1.8	15.0	310	12.1
10	1.5	RE	1	1.38	0.8	1.8	16.5	345	12.1
12	1.5	RE	1	1.38	0.8	1.8	17.0	395	12.1
14	1.5	RE	1	1.38	0.8	1.8	17.5	445	12.1
15	1.5	RE	1	1.38	0.8	1.8	18.0	470	12.1
16	1.5	RE	1	1.38	0.8	1.8	18.5	500	12.1
18	1.5	RE	1	1.38	0.8	1.8	19.5	550	12.1
19	1.5	RE	1	1.38	0.8	1.8	19.5	565	12.1
20	1.5	RE	1	1.38	0.8	1.8	20.0	600	12.1
21	1.5	RE	1	1.38	0.8	1.8	21.0	625	12.1
24	1.5	RE	1	1.38	0.8	1.8	22.5	710	12.1
30	1.5	RE	1	1.38	0.8	1.8	24.0	855	12.1
32	1.5	RE	1	1.38	0.8	1.8	24.5	905	12.1
37	1.5	RE	1	1.38	0.8	1.8	26.0	1025	12.1
40	1.5	RE	1	1.38	0.8	1.8	27.0	1105	12.1
50	1.5	RE	1	1.38	0.8	1.9	29.5	1350	12.1
52	1.5	RE	1	1.38	0.8	1.9	30.5	1405	12.1
60	1.5	RE	1	1.38	0.8	2.0	32.5	1615	12.1
61	1.5	RE	1	1.38	0.8	2.0	32.5	1635	12.1

Note RE : Round solid class 1

600/1000 V PVC INSULATED AND PVC SHEATHED CABLES
PVC/PVC (IEC 60502-1)

CONSTRUCTION

Conductor : Plain Annealed Copper (to IEC 60228 class 2)
Insulation : PVC Compound type A
Filler (if necessary) : Suitable material
Sheath : PVC Compound type ST1
Colour Ident. : Insulation - Black with numbering code
Sheath - Black

TECHNICAL DATA

Voltage
Uo/U - 600/1000 V
Operating Temperature
Maximum 70°C

CONTROL CABLE : 1.5 mm² (Stranded conductor)

No of core	Conductor				Nominal Thickness of Insulation	Nominal Thickness of Sheath	Overall diameter of cable (approx.)	Weight of cable (approx.)	Maximum Conductor Resistance at 20°C
	Nominal Cross-section area	Shape of conductor	Number of wire	Diameter of Conductor (approx.)					
	mm²	-	Number	mm	mm	mm	mm	kg/km	Ω/km
6	1.5	RM	7	1.6	0.8	1.8	13.5	240	12.1
7	1.5	RM	7	1.6	0.8	1.8	13.5	260	12.1
8	1.5	RM	7	1.6	0.8	1.8	14.5	295	12.1
9	1.5	RM	7	1.6	0.8	1.8	16.0	330	12.1
10	1.5	RM	7	1.6	0.8	1.8	17.0	365	12.1
12	1.5	RM	7	1.6	0.8	1.8	17.5	420	12.1
14	1.5	RM	7	1.6	0.8	1.8	18.5	475	12.1
15	1.5	RM	7	1.6	0.8	1.8	19.0	500	12.1
16	1.5	RM	7	1.6	0.8	1.8	19.5	530	12.1
18	1.5	RM	7	1.6	0.8	1.8	20.5	585	12.1
19	1.5	RM	7	1.6	0.8	1.8	20.5	600	12.1
20	1.5	RM	7	1.6	0.8	1.8	21.0	635	12.1
21	1.5	RM	7	1.6	0.8	1.8	22.0	665	12.1
24	1.5	RM	7	1.6	0.8	1.8	24.0	755	12.1
30	1.5	RM	7	1.6	0.8	1.8	25.5	910	12.1
32	1.5	RM	7	1.6	0.8	1.8	26.0	965	12.1
37	1.5	RM	7	1.6	0.8	1.8	27.5	1090	12.1
40	1.5	RM	7	1.6	0.8	1.8	28.5	1175	12.1
50	1.5	RM	7	1.6	0.8	1.9	31.0	1440	12.1
52	1.5	RM	7	1.6	0.8	1.9	32.0	1495	12.1
60	1.5	RM	7	1.6	0.8	2.0	34.5	1720	12.1
61	1.5	RM	7	1.6	0.8	2.0	34.5	1745	12.1

Note : RM : Circular Stranded Class 2

600/1000 V PVC INSULATED AND PVC SHEATHED CABLES
PVC/PVC (IEC 60502-1)

CONSTRUCTION

Conductor : Plain Annealed Copper (to IEC 60228 class 1)

Insulation : PVC Compound type A

Filler (if necessary) : Suitable material

Sheath : PVC Compound type ST1

Colour Ident. : Insulation - Black with numbering code
Sheath - Black

TECHNICAL DATA

Voltage
Uo/U - 600/1000 V

Operating Temperature
Maximum 70°C

CONTROL CABLE : 2.5 mm² (Solid conductor)

No of core	Conductor				Nominal Thickness of Insulation	Nominal Thickness of Sheath	Overall diameter of cable (approx.)	Weight of cable (approx.)	Maximum Conductor Resistance at 20°C
	Nominal Cross-section area	Shape of conductor	Number of wire	Diameter of Conductor (approx.)					
	mm²	-	Number	mm	mm	mm	mm	kg/km	Ω/km
6	2.5	RE	1	1.78	0.8	1.8	14.5	300	7.41
7	2.5	RE	1	1.78	0.8	1.8	14.5	330	7.41
8	2.5	RE	1	1.78	0.8	1.8	15.5	375	7.41
9	2.5	RE	1	1.78	0.8	1.8	16.5	420	7.41
10	2.5	RE	1	1.78	0.8	1.8	18.0	465	7.41
12	2.5	RE	1	1.78	0.8	1.8	18.5	535	7.41
14	2.5	RE	1	1.78	0.8	1.8	19.5	610	7.41
15	2.5	RE	1	1.78	0.8	1.8	20.0	645	7.41
16	2.5	RE	1	1.78	0.8	1.8	20.5	685	7.41
18	2.5	RE	1	1.78	0.8	1.8	21.5	755	7.41
19	2.5	RE	1	1.78	0.8	1.8	21.5	780	7.41
20	2.5	RE	1	1.78	0.8	1.8	22.0	825	7.41
21	2.5	RE	1	1.78	0.8	1.8	23.5	865	7.41
24	2.5	RE	1	1.78	0.8	1.8	25.0	985	7.41
30	2.5	RE	1	1.78	0.8	1.8	26.5	1195	7.41
32	2.5	RE	1	1.78	0.8	1.8	27.0	1265	7.41
37	2.5	RE	1	1.78	0.8	1.9	28.5	1435	7.41
40	2.5	RE	1	1.78	0.8	1.9	30.0	1545	7.41
50	2.5	RE	1	1.78	0.8	2.0	33.0	1920	7.41
52	2.5	RE	1	1.78	0.8	2.0	34.0	1995	7.41
60	2.5	RE	1	1.78	0.8	2.1	36.5	2295	7.41
61	2.5	RE	1	1.78	0.8	2.1	36.5	2325	7.41

Note : RE : Round Solid Class 1

600/1000 V PVC INSULATED AND PVC SHEATHED CABLES
PVC/PVC (IEC 60502-1)

CONSTRUCTION

Conductor : Plain Annealed Copper (to IEC 60228 class 2)
Insulation : PVC Compound type A
Filler (if necessary) : Suitable material
Sheath : PVC Compound type ST1
Colour Ident. : Insulation - Black with numbering code
Sheath - Black

TECHNICAL DATA

Voltage
Uo/U - 600/1000 V
Operating Temperature
Maximum 70°C

CONTROL CABLE : 2.5 mm² (Stranded conductor)

No of core	Conductor				Nominal Thickness of Insulation	Nominal Thickness of Sheath	Overall diameter of cable (approx.)	Weight of cable (approx.)	Maximum Conductor Resistance at 20°C
	Nominal Cross-section area	Shape of conductor	Number of wire	Diameter of Conductor (approx.)					
	mm²	-	Number	mm	mm	mm	mm	kg/km	Ω/km
6	2.5	RM	7	2.0	0.8	1.8	15.0	320	7.41
7	2.5	RM	7	2.0	0.8	1.8	15.0	345	7.41
8	2.5	RM	7	2.0	0.8	1.8	16.0	395	7.41
9	2.5	RM	7	2.0	0.8	1.8	17.0	440	7.41
10	2.5	RM	7	2.0	0.8	1.8	18.5	490	7.41
12	2.5	RM	7	2.0	0.8	1.8	19.5	565	7.41
14	2.5	RM	7	2.0	0.8	1.8	20.5	640	7.41
15	2.5	RM	7	2.0	0.8	1.8	21.0	680	7.41
16	2.5	RM	7	2.0	0.8	1.8	21.5	725	7.41
18	2.5	RM	7	2.0	0.8	1.8	22.5	795	7.41
19	2.5	RM	7	2.0	0.8	1.8	22.5	825	7.41
20	2.5	RM	7	2.0	0.8	1.8	23.0	870	7.41
21	2.5	RM	7	2.0	0.8	1.8	24.0	910	7.41
24	2.5	RM	7	2.0	0.8	1.8	26.5	1040	7.41
30	2.5	RM	7	2.0	0.8	1.8	28.0	1260	7.41
32	2.5	RM	7	2.0	0.8	1.8	28.5	1335	7.41
37	2.5	RM	7	2.0	0.8	1.9	30.0	1515	7.41
40	2.5	RM	7	2.0	0.8	1.9	31.5	1635	7.41
50	2.5	RM	7	2.0	0.8	2.0	34.5	2025	7.41
52	2.5	RM	7	2.0	0.8	2.0	35.5	2105	7.41
60	2.5	RM	7	2.0	0.8	2.1	38.0	2420	7.41
61	2.5	RM	7	2.0	0.8	2.1	38.0	2455	7.41

Note : RM : Circular Stranded Class 2

600/1000 V PVC INSULATED AND PVC SHEATHED CABLES
PVC/PVC (IEC 60502-1)

CONSTRUCTION

Conductor : Plain Annealed Copper (to IEC 60228 clas 1)

Insulation : PVC Compound type A

Filler (if necessary) : Suitable material

Sheath : PVC Compound type ST1

Colour Ident. : Insulation - Black with numbering code
Sheath - Black

TECHNICAL DATA

Voltage

Uo/U - 600/1000 V

Operating Temperature

Maximum 70°C

CONTROL CABLE : 4 mm² (Solid conductor)

No of core	Conductor				Nominal Thickness of Insulation	Nominal Thickness of Sheath	Overall diameter of cable (approx.)	Weight of cable (approx.)	Maximum Conductor Resistance at 20°C
	Nominal Cross-section area	Shape of conductor	Number of wire	Diameter of Conductor (approx.)					
	mm²	-	Number	mm	mm	mm	mm	kg/km	Ω/km
6	4	RE	1	2.26	1.0	1.8	17.0	440	4.61
7	4	RE	1	2.26	1.0	1.8	17.0	485	4.61
8	4	RE	1	2.26	1.0	1.8	18.5	555	4.61
9	4	RE	1	2.26	1.0	1.8	20.0	625	4.61
10	4	RE	1	2.26	1.0	1.8	21.5	690	4.61
12	4	RE	1	2.26	1.0	1.8	22.0	800	4.61
14	4	RE	1	2.26	1.0	1.8	23.5	915	4.61
15	4	RE	1	2.26	1.0	1.8	24.0	970	4.61
16	4	RE	1	2.26	1.0	1.8	24.5	1035	4.61
18	4	RE	1	2.26	1.0	1.8	26.0	1140	4.61
19	4	RE	1	2.26	1.0	1.8	26.0	1185	4.61
20	4	RE	1	2.26	1.0	1.8	27.0	1250	4.61
21	4	RE	1	2.26	1.0	1.8	28.0	1310	4.61
24	4	RE	1	2.26	1.0	1.9	30.5	1495	4.61
30	4	RE	1	2.26	1.0	2.0	32.5	1840	4.61
32	4	RE	1	2.26	1.0	2.0	33.0	1950	4.61
37	4	RE	1	2.26	1.0	2.1	35.5	2235	4.61
40	4	RE	1	2.26	1.0	2.1	37.0	2410	4.61
50	4	RE	1	2.26	1.0	2.3	41.0	3010	4.61
52	4	RE	1	2.26	1.0	2.3	42.0	3130	4.61
60	4	RE	1	2.26	1.0	2.4	45.0	3575	4.61
61	4	RE	1	2.26	1.0	2.4	45.0	3625	4.61

Note RE : Round Solid Class 1

600/1000 V PVC INSULATED AND PVC SHEATHED CABLES
PVC/PVC (IEC 60502-1)

CONSTRUCTION

Conductor : Plain Annealed Copper (to IEC 60228 clas 2)
Insulation : PVC Compound type A
Filler (if necessary) : Suitable material
Sheath : PVC Compound type ST1
Colour Ident. : Insulation - Black with numbering code
Sheath - Black

TECHNICAL DATA

Voltage
Uo/U - 600/1000 V
Operating Temperature
Maximum 70°C

CONTROL CABLE : 4 mm² (Stranded conductor)

No of core	Conductor				Nominal Thickness of Insulation	Nominal Thickness of Sheath	Overall diameter of cable (approx.)	Weight of cable (approx.)	Maximum Conductor Resistance at 20°C
	Nominal Cross-section area	Shape of conductor	Number of wire	Diameter of Conductor (approx.)					
	mm²	-	Number	mm	mm	mm	mm	kg/km	Ω/km
6	4	RM	7	2.6	1.0	1.8	18.0	470	4.61
7	4	RM	7	2.6	1.0	1.8	18.0	515	4.61
8	4	RM	7	2.6	1.0	1.8	19.5	585	4.61
9	4	RM	7	2.6	1.0	1.8	21.0	660	4.61
10	4	RM	7	2.6	1.0	1.8	22.5	735	4.61
12	4	RM	7	2.6	1.0	1.8	23.5	850	4.61
14	4	RM	7	2.6	1.0	1.8	24.5	970	4.61
15	4	RM	7	2.6	1.0	1.8	25.5	1030	4.61
16	4	RM	7	2.6	1.0	1.8	26.0	1095	4.61
18	4	RM	7	2.6	1.0	1.8	27.5	1210	4.61
19	4	RM	7	2.6	1.0	1.8	27.5	1255	4.61
20	4	RM	7	2.6	1.0	1.8	28.5	1325	4.61
21	4	RM	7	2.6	1.0	1.8	30.0	1390	4.61
24	4	RM	7	2.6	1.0	1.9	32.5	1585	4.61
30	4	RM	7	2.6	1.0	2.0	34.5	1950	4.61
32	4	RM	7	2.6	1.0	2.0	35.0	2070	4.61
37	4	RM	7	2.6	1.0	2.1	37.5	2365	4.61
40	4	RM	7	2.6	1.0	2.1	39.0	2555	4.61
50	4	RM	7	2.6	1.0	2.3	43.5	3190	4.61
52	4	RM	7	2.6	1.0	2.3	44.5	3315	4.61
60	4	RM	7	2.6	1.0	2.4	47.5	3790	4.61
61	4	RM	7	2.6	1.0	2.4	47.5	3845	4.61

Note RM : Circular Stranded Class 2