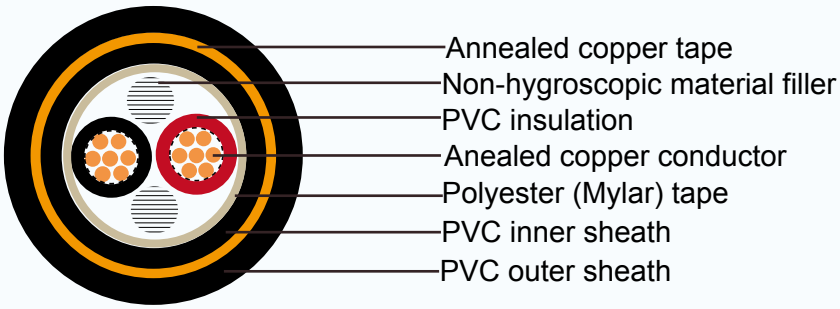
CVVS

Application and Description:

For supervisory electrical equipment, station control circuits, outdoor, suitable installation in dry or wet cable trenches.

Cable Construction:



Conductor: Concentric Stranded annealed copper wires, Sizes: 0.5 mm^2 up to 6 mm^2
Insulation: Polyvinyl chloride (PVC)
Color : 2-4 cores-Black, White, Red and Green ,More than 4 cores: Black core with marking numbers
Filler: Non-hygroscopic material(optional)
Binding tape: Polyester (Mylar) tape (optional)
Inner sheath: Polyvinyl chloride (PVC), Black color
Shield: Annealed copper tape, 0.1mm
Outer sheath: Polyvinyl chloride (PVC), Black color (A Special FR-PVC flame retardant sheath can be supplied)

Technical Characteristics:

Maximum conductor temperature 70°C
Circuit voltage not exceeding 600 volts
Test voltage 2000volts(JIS) / 3500 volts(IEC)

Cable Parameter:

Cables to JIS C 3401

No. of cores	Conductor			Thickness of insulation	Thickness of inner Sheath	Thickness of outer Sheath	Overall diameter	Maximum conductor resistance (at 20°c)	Minimum insulation resistance (at 20°c)	Cable weight
	Nominal cross-sectional area	No.& dia. of wires	Diameter							
	mm^2	mm	mm	mm	mm	mm	mm	Ohm/km	Ohm/km	kg/km
2	1	7/0.43	1.29	0.72	1	1.35	13	19.5	0.05	152
	1.5	7/0.52	1.56	0.72	1	1.35	14	13.3	0.05	173
	2.5	7/0.67	2.01	0.72	1	1.35	15	7.98	0.05	208
	4	7/0.85	2.55	0.72	1	1.35	16	4.95	0.05	256
	6	7/1.04	3.12	0.9	1	1.35	18	3.3	0.05	334
3	1	7/0.43	1.29	0.72	1	1.35	13	19.5	0.05	172
	1.5	7/0.52	1.56	0.72	1	1.35	14	13.3	0.05	199
	2.5	7/0.67	2.01	0.72	1	1.35	15	7.98	0.05	245
	4	7/0.85	2.55	0.72	1	1.35	16	4.95	0.05	310
	6	7/1.04	3.12	0.9	1	1.35	18	3.3	0.05	411
4	1	7/0.43	1.29	0.72	1	1.35	14	19.5	0.05	197
	1.5	7/0.52	1.56	0.72	1	1.35	15	13.3	0.05	231
	2.5	7/0.67	2.01	0.72	1	1.35	16	7.98	0.05	289
	4	7/0.85	2.55	0.72	1	1.35	17	4.95	0.05	371
	6	7/1.04	3.12	0.9	1	1.35	20	3.3	0.05	501
5	1	7/0.43	1.29	0.72	1	1.35	15	19.5	0.05	224
	1.5	7/0.52	1.56	0.72	1	1.35	16	13.3	0.05	265
	2.5	7/0.67	2.01	0.72	1	1.35	17	7.98	0.05	335
	4	7/0.85	2.55	0.72	1	1.35	18	4.95	0.05	435
	6	7/1.04	3.12	0.9	1	1.35	21	3.3	0.05	595
6	1	7/0.43	1.29	0.72	1	1.35	16	19.5	0.05	252
	1.5	7/0.52	1.56	0.72	1	1.35	17	13.3	0.05	300
	2.5	7/0.67	2.01	0.72	1	1.35	18	7.98	0.05	384
	4	7/0.85	2.55	0.72	1	1.35	20	4.95	0.05	503
	6	7/1.04	3.12	0.9	1	1.35	22	3.3	0.05	692
7	1	7/0.43	1.29	0.72	1	1.35	16	19.5	0.05	264
	1.5	7/0.52	1.56	0.72	1	1.35	17	13.3	0.05	318
	2.5	7/0.67	2.01	0.72	1	1.35	18	7.98	0.05	411
	4	7/0.85	2.55	0.72	1	1.35	20	4.95	0.05	544
	6	7/1.04	3.12	0.9	1	1.35	22	3.3	0.05	754

Caledonian Cables Manufacture

No. of cores	Conductor			Thickness of insulation	Thickness of inner Sheath	Thickness of outer Sheath	Overall diameter	Maximum conductor resistance (at 20°c)	Minimum insulation resistance (at 20°c)	Cable weight
	Nominal cross-sectional area	No.& dia. of wires	Diameter							
	mm^2	mm	mm	mm	mm	mm	mm	Ohm/km	Ohm/km	kg/km
8	1	7/0.43	1.29	0.72	1	1.35	17	19.5	0.05	293
	1.5	7/0.52	1.56	0.72	1	1.35	18	13.3	0.05	354
	2.5	7/0.67	2.01	0.72	1	1.35	19	7.98	0.05	461
	4	7/0.85	2.55	0.72	1	1.35	21	4.95	0.05	613
	6	7/1.04	3.12	0.9	1	1.35	24	3.3	0.05	853
9	1	7/0.43	1.29	0.72	1	1.35	17	19.5	0.05	323
	1.5	7/0.52	1.56	0.72	1	1.35	19	13.3	0.05	390
	2.5	7/0.67	2.01	0.72	1	1.35	20	7.98	0.05	511
	4	7/0.85	2.55	0.72	1	1.35	22	4.95	0.05	683
	6	7/1.04	3.12	0.9	1	1.35	25	3.3	0.05	954
10	1	7/0.43	1.29	0.72	1	1.35	18	19.5	0.05	357
	1.5	7/0.52	1.56	0.72	1	1.35	20	13.3	0.05	434
	2.5	7/0.67	2.01	0.72	1	1.35	21	7.98	0.05	568
	4	7/0.85	2.55	0.72	1	1.35	24	4.95	0.05	761
	6	7/1.04	3.12	0.9	1	1.44	28	3.3	0.05	1077
11	1	7/0.43	1.29	0.72	1	1.35	18	19.5	0.05	369
	1.5	7/0.52	1.56	0.72	1	1.35	20	13.3	0.05	452
	2.5	7/0.67	2.01	0.72	1	1.35	21	7.98	0.05	596
	4	7/0.85	2.55	0.72	1	1.35	24	4.95	0.05	802
	6	7/1.04	3.12	0.9	1	1.44	28	3.3	0.05	1140
12	1	7/0.43	1.29	0.72	1	1.35	19	19.5	0.05	391
	1.5	7/0.52	1.56	0.72	1	1.35	20	13.3	0.05	479
	2.5	7/0.67	2.01	0.72	1	1.35	22	7.98	0.05	635
	4	7/0.85	2.55	0.72	1	1.35	24	4.95	0.05	860
	6	7/1.04	3.12	0.9	1	1.53	29	3.3	0.05	1234
13	1	7/0.43	1.29	0.72	1	1.35	20	19.5	0.05	418
	1.5	7/0.52	1.56	0.72	1	1.35	21	13.3	0.05	514
	2.5	7/0.67	2.01	0.72	1	1.35	23	7.98	0.05	684
	4	7/0.85	2.55	0.72	1	1.35	25	4.95	0.05	927
	6	7/1.04	3.12	0.9	1	1.53	30	3.3	0.05	1334
14	1	7/0.43	1.29	0.72	1	1.35	20	19.5	0.05	432
	1.5	7/0.52	1.56	0.72	1	1.35	21	13.3	0.05	533
	2.5	7/0.67	2.01	0.72	1	1.35	23	7.98	0.05	711
	4	7/0.85	2.55	0.72	1	1.35	25	4.95	0.05	969
	6	7/1.04	3.12	0.9	1	1.53	30	3.3	0.05	1396

No. of cores	Conductor			Thickness of insulation	Thickness of inner Sheath	Thickness of outer Sheath	Overall diameter	Maximum conductor resistance (at 20°c)	Minimum insulation resistance (at 20°c)	Cable weight
	Nominal cross-sectional area	No.& dia. of wires	Diameter							
	mm^2	mm	mm	mm	mm	mm	mm	Ohm/km	Ohm/km	kg/km
15	1	7/0.43	1.29	0.72	1	1.35	20	19.5	0.05	461
	1.5	7/0.52	1.56	0.72	1	1.35	22	13.3	0.05	570
	2.5	7/0.67	2.01	0.72	1	1.35	24	7.98	0.05	763
	4	7/0.85	2.55	0.72	1	1.35	26	4.95	0.05	1041
	6	7/1.04	3.12	0.9	1	1.53	32	3.3	0.05	1501
16	1	7/0.43	1.29	0.72	1	1.35	20	19.5	0.05	474
	1.5	7/0.52	1.56	0.72	1	1.35	22	13.3	0.05	588
	2.5	7/0.67	2.01	0.72	1	1.35	24	7.98	0.05	791
	4	7/0.85	2.55	0.72	1	1.44	27	4.95	0.05	1092
	6	7/1.04	3.12	0.9	1	1.62	32	3.3	0.05	1575
17	1	7/0.43	1.29	0.72	1	1.35	21	19.5	0.05	484
	1.5	7/0.52	1.56	0.72	1	1.35	23	13.3	0.05	601
	2.5	7/0.67	2.01	0.72	1	1.35	25	7.98	0.05	809
	4	7/0.85	2.55	0.72	1	1.44	28	4.95	0.05	1119
	6	7/1.04	3.12	0.9	1.2	1.62	36	3.3	0.05	1641
18	1	7/0.43	1.29	0.72	1	1.35	21	19.5	0.05	499
	1.5	7/0.52	1.56	0.72	1	1.35	23	13.3	0.05	622
	2.5	7/0.67	2.01	0.72	1	1.35	25	7.98	0.05	840
	4	7/0.85	2.55	0.72	1	1.44	28	4.95	0.05	1166
	6	7/1.04	3.12	0.9	1.2	1.62	34	3.3	0.05	1712
19	1	7/0.43	1.29	0.72	1	1.35	21	19.5	0.05	515
	1.5	7/0.52	1.56	0.72	1	1.35	23	13.3	0.05	643
	2.5	7/0.67	2.01	0.72	1	1.35	25	7.98	0.05	872
	4	7/0.85	2.55	0.72	1	1.44	28	4.95	0.05	1214
	6	7/1.04	3.12	0.9	1.2	1.62	34	3.3	0.05	1783
20	1	7/0.43	1.29	0.72	1	1.35	22	19.5	0.05	541
	1.5	7/0.52	1.56	0.72	1	1.35	24	13.3	0.05	676
	2.5	7/0.67	2.01	0.72	1	1.35	26	7.98	0.05	917
	4	7/0.85	2.55	0.72	1	1.44	30	4.95	0.05	1277
	6	7/1.04	3.12	0.9	1.2	1.62	36	3.3	0.05	1892
21	1	7/0.43	1.29	0.72	1	1.35	22	19.5	0.05	556
	1.5	7/0.52	1.56	0.72	1	1.35	24	13.3	0.05	697
	2.5	7/0.67	2.01	0.72	1	1.35	26	7.98	0.05	949
	4	7/0.85	2.55	0.72	1	1.44	30	4.95	0.05	1324
	6	7/1.04	3.12	0.9	1.2	1.62	36	3.3	0.05	1963

Caledonian Cables Manufacture

No. of cores	Conductor			Thickness of insulation	Thickness of inner Sheath	Thickness of outer Sheath	Overall diameter	Maximum conductor resistance (at 20°c)	Minimum insulation resistance (at 20°c)	Cable weight
	Nominal cross-sectional area	No.& dia. of wires	Diameter							
	mm^2	mm	mm	mm	mm	mm	mm	Ohm/km	Ohm/km	kg/km
22	1	7/0.43	1.29	0.72	1	1.35	23	19.5	0.05	582
	1.5	7/0.52	1.56	0.72	1	1.35	25	13.3	0.05	731
	2.5	7/0.67	2.01	0.72	1	1.35	28	7.98	0.05	994
	4	7/0.85	2.55	0.72	1	1.44	31	4.95	0.05	1388
	6	7/1.04	3.12	0.9	1.2	1.62	37	3.3	0.05	2058
23	1	7/0.43	1.29	0.72	1	1.35	23	19.5	0.05	598
	1.5	7/0.52	1.56	0.72	1	1.35	25	13.3	0.05	752
	2.5	7/0.67	2.01	0.72	1	1.35	28	7.98	0.05	1026
	4	7/0.85	2.55	0.72	1	1.44	31	4.95	0.05	1435
	6	7/1.04	3.12	0.9	1.2	1.62	37	3.3	0.05	2129
24	1	7/0.43	1.29	0.72	1	1.35	24	19.5	0.05	627
	1.5	7/0.52	1.56	0.72	1	1.35	26	13.3	0.05	788
	2.5	7/0.67	2.01	0.72	1	1.44	29	7.98	0.05	1086
	4	7/0.85	2.55	0.72	1.2	1.62	33	4.95	0.05	1555
	6	7/1.04	3.12	0.9	1.2	1.62	39	3.3	0.05	2229
25	1	7/0.43	1.29	0.72	1	1.35	24	19.5	0.05	642
	1.5	7/0.52	1.56	0.72	1	1.35	26	13.3	0.05	809
	2.5	7/0.67	2.01	0.72	1	1.44	29	7.98	0.05	1118
	4	7/0.85	2.55	0.72	1.2	1.62	33	4.95	0.05	1603
	6	7/1.04	3.12	0.9	1.2	1.62	39	3.3	0.05	2301
26	1	7/0.43	1.29	0.72	1	1.35	24	19.5	0.05	658
	1.5	7/0.52	1.56	0.72	1	1.35	26	13.3	0.05	830
	2.5	7/0.67	2.01	0.72	1	1.44	29	7.98	0.05	1149
	4	7/0.85	2.55	0.72	1.2	1.62	33	4.95	0.05	1650
	6	7/1.04	3.12	0.9	1.2	1.62	39	3.3	0.05	2372
27	1	7/0.43	1.29	0.72	1	1.35	24	19.5	0.05	679
	1.5	7/0.52	1.56	0.72	1	1.35	26	13.3	0.05	858
	2.5	7/0.67	2.01	0.72	1	1.53	30	7.98	0.05	1199
	4	7/0.85	2.55	0.72	1.2	1.62	34	4.95	0.05	1706
	6	7/1.04	3.12	0.9	1.2	1.62	40	3.3	0.05	2455
28	1	7/0.43	1.29	0.72	1	1.35	25	19.5	0.05	703
	1.5	7/0.52	1.56	0.72	1	1.35	27	13.3	0.05	889
	2.5	7/0.67	2.01	0.72	1	1.53	31	7.98	0.05	1243
	4	7/0.85	2.55	0.72	1.2	1.62	35	4.95	0.05	1784
	6	7/1.04	3.12	0.9	1.2	1.62	41	3.3	0.05	2546

No. of cores	Conductor			Thickness of insulation	Thickness of inner Sheath	Thickness of outer Sheath	Overall diameter	Maximum conductor resistance (at 20°c)	Minimum insulation resistance (at 20°c)	Cable weight
	Nominal cross-sectional area	No.& dia. of wires	Diameter							
	mm^2	mm	mm	mm	mm	mm	mm	Ohm/km	Ohm/km	kg/km
29	1	7/0.43	1.29	0.72	1	1.35	25	19.5	0.05	719
	1.5	7/0.52	1.56	0.72	1	1.35	27	13.3	0.05	910
	2.5	7/0.67	2.01	0.72	1	1.53	31	7.98	0.05	1275
	4	7/0.85	2.55	0.72	1.2	1.62	35	4.95	0.05	1831
	6	7/1.04	3.12	0.9	1.2	1.62	41	3.3	0.05	2617
30	1	7/0.43	1.29	0.72	1	1.44	25	19.5	0.05	743
	1.5	7/0.52	1.56	0.72	1	1.44	28	13.3	0.05	941
	2.5	7/0.67	2.01	0.72	1	1.53	31	7.98	0.05	1306
	4	7/0.85	2.55	0.72	1.2	1.62	35	4.95	0.05	1878
	6	7/1.04	3.12	0.9	1.2	1.62	41	3.3	0.05	2688

Cables to IEC 60502-1

No. of cores	Conductor			Thickness of insulation	Thickness of inner Sheath	Thickness of outer Sheath	Overall diameter	Maximum conductor resistance (at 20°c)	Minimum insulation resistance (at 70°c)	Cable weight
	Nominal cross-sectional area	No.& dia. of wires	Diameter							
	mm^2	mm	mm	mm	mm	mm	mm	Ohm/km	Ohm/km	kg/km
2	0.5	7/0.30	0.9	0.8	1	1.8	12.5	36	0.0162	180
	0.75	7/0.37	1.11	0.8	1	1.8	13	24.5	0.0142	190
	1	7/0.43	1.29	0.8	1	1.8	13.5	18.1	0.0128	210
	1.5	7/0.52	1.56	0.8	1	1.8	14	12.1	0.0112	230
	2.5	7/0.67	2.01	0.8	1	1.8	15	7.41	0.0093	270
	4	7/0.85	2.55	1	1	1.8	17	4.61	0.0092	360
	6	7/1.04	3.12	1	1	1.8	18	3.08	0.0078	440
3	0.5	7/0.30	0.9	0.8	1	1.8	13	36	0.0162	200
	0.75	7/0.37	1.11	0.8	1	1.8	13.5	24.5	0.0142	220
	1	7/0.43	1.29	0.8	1	1.8	14	18.1	0.0128	230
	1.5	7/0.52	1.56	0.8	1	1.8	14.5	12.1	0.0112	260
	2.5	7/0.67	2.01	0.8	1	1.8	15.5	7.41	0.0093	320
	4	7/0.85	2.55	1	1	1.8	17.5	4.61	0.0092	430
	6	7/1.04	3.12	1	1	1.8	19	3.08	0.0078	520
4	0.5	7/0.30	0.9	0.8	1	1.8	14	36	0.0162	220
	0.75	7/0.37	1.11	0.8	1	1.8	14.5	24.5	0.0142	240
	1	7/0.43	1.29	0.8	1	1.8	15	18.1	0.0128	270
	1.5	7/0.52	1.56	0.8	1	1.8	15.5	12.1	0.0112	300
	2.5	7/0.67	2.01	0.8	1	1.8	16.5	7.41	0.0093	370
	4	7/0.85	2.55	1	1	1.8	19	4.61	0.0092	510
	6	7/1.04	3.12	1	1	1.8	20.5	3.08	0.0078	630
5	0.5	7/0.30	0.9	0.8	1	1.8	14.5	36	0.0162	250
	0.75	7/0.37	1.11	0.8	1	1.8	15	24.5	0.0142	280
	1	7/0.43	1.29	0.8	1	1.8	15.5	18.1	0.0128	310
	1.5	7/0.52	1.56	0.8	1	1.8	16.5	12.1	0.0112	350
	2.5	7/0.67	2.01	0.8	1	1.8	17.5	7.41	0.0093	440
	4	7/0.85	2.55	1	1	1.8	20.5	4.61	0.0092	610
	6	7/1.04	3.12	1	1	1.8	22	3.08	0.0078	760

No. of cores	Conductor			Thickness of insulation	Thickness of inner Sheath	Thickness of outer Sheath	Overall diameter	Maximum conductor resistance (at 20°c)	Minimum insulation resistance (at 70°c)	Cable weight
	Nominal cross-sectional area	No.& dia. of wires	Diameter							
	mm^2	mm	mm	mm	mm	mm	mm	Ohm/km	Ohm/km	kg/km
6	0.5	7/0.30	0.9	0.8	1	1.8	15.5	36	0.0162	260
	0.75	7/0.37	1.11	0.8	1	1.8	16	24.5	0.0142	300
	1	7/0.43	1.29	0.8	1	1.8	16.5	18.1	0.0128	330
	1.5	7/0.52	1.56	0.8	1	1.8	17.5	12.1	0.0112	380
	2.5	7/0.67	2.01	0.8	1	1.8	19	7.41	0.0093	470
	4	7/0.85	2.55	1	1	1.8	22	4.61	0.0092	660
	6	7/1.04	3.12	1	1	1.8	23.5	3.08	0.0078	830
7	0.5	7/0.30	0.9	0.8	1	1.8	15.5	36	0.0162	270
	0.75	7/0.37	1.11	0.8	1	1.8	16	24.5	0.0142	310
	1	7/0.43	1.29	0.8	1	1.8	16.5	18.1	0.0128	340
	1.5	7/0.52	1.56	0.8	1	1.8	17.5	12.1	0.0112	390
	2.5	7/0.67	2.01	0.8	1	1.8	19	7.41	0.0093	500
	4	7/0.85	2.55	1	1	1.8	22	4.61	0.0092	700
	6	7/1.04	3.12	1	1	1.8	23.5	3.08	0.0078	880
8	0.5	7/0.30	0.9	0.8	1	1.8	16.5	36	0.0162	300
	0.75	7/0.37	1.11	0.8	1	1.8	17	24.5	0.0142	340
	1	7/0.43	1.29	0.8	1	1.8	17.5	18.1	0.0128	370
	1.5	7/0.52	1.56	0.8	1	1.8	18.5	12.1	0.0112	430
	2.5	7/0.67	2.01	0.8	1	1.8	20	7.41	0.0093	550
	4	7/0.85	2.55	1	1	1.8	23.5	4.61	0.0092	780
	6	7/1.04	3.12	1	1	1.8	25	3.08	0.0078	990
9	0.5	7/0.30	0.9	0.8	1	1.8	17	36	0.0162	330
	0.75	7/0.37	1.11	0.8	1	1.8	18	24.5	0.0142	370
	1	7/0.43	1.29	0.8	1	1.8	18.5	18.1	0.0128	410
	1.5	7/0.52	1.56	0.8	1	1.8	19.5	12.1	0.0112	480
	2.5	7/0.67	2.01	0.8	1	1.8	21	7.41	0.0093	610
	4	7/0.85	2.55	1	1	1.8	25	4.61	0.0092	870
	6	7/1.04	3.12	1	1	1.8	27	3.08	0.0078	1110
10	0.5	7/0.30	0.9	0.8	1	1.8	18	36	0.0162	350
	0.75	7/0.37	1.11	0.8	1	1.8	19	24.5	0.0142	400
	1	7/0.43	1.29	0.8	1	1.8	20	18.1	0.0128	440
	1.5	7/0.52	1.56	0.8	1	1.8	21	12.1	0.0112	520
	2.5	7/0.67	2.01	0.8	1	1.8	22.5	7.41	0.0093	670
	4	7/0.85	2.55	1	1	1.8	26.5	4.61	0.0092	950
	6	7/1.04	3.12	1	1	1.8	29	3.08	0.0078	1210

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No. of cores	Conductor			Thickness of insulation	Thickness of inner Sheath	Thickness of outer Sheath	Overall diameter	Maximum conductor resistance (at 20°c)	Minimum insulation resistance (at 70°c)	Cable weight
	Nominal cross-sectional area	No.& dia. of wires	Diameter							
	mm^2	mm	mm	mm	mm	mm	mm	Ohm/km	Ohm/km	kg/km
11	0.5	7/0.30	0.9	0.8	1	1.8	18.5	36	0.0162	370
	0.75	7/0.37	1.11	0.8	1	1.8	19.5	24.5	0.0142	430
	1	7/0.43	1.29	0.8	1	1.8	20.5	18.1	0.0128	480
	1.5	7/0.52	1.56	0.8	1	1.8	21.5	12.1	0.0112	560
	2.5	7/0.67	2.01	0.8	1	1.8	23.5	7.41	0.0093	730
	4	7/0.85	2.55	1	1	1.8	27.5	4.61	0.0092	1040
	6	7/1.04	3.12	1	1	1.8	30	3.08	0.0078	1330
12	0.5	7/0.30	0.9	0.8	1	1.8	18.5	36	0.0162	380
	0.75	7/0.37	1.11	0.8	1	1.8	19.5	24.5	0.0142	440
	1	7/0.43	1.29	0.8	1	1.8	20.5	18.1	0.0128	490
	1.5	7/0.52	1.56	0.8	1	1.8	21.5	12.1	0.0112	580
	2.5	7/0.67	2.01	0.8	1	1.8	23.5	7.41	0.0093	750
	4	7/0.85	2.55	1	1	1.8	27.5	4.61	0.0092	1080
	6	7/1.04	3.12	1	1	1.8	30	3.08	0.0078	1390
13	0.5	7/0.30	0.9	0.8	1	1.8	19.5	36	0.0162	410
	0.75	7/0.37	1.11	0.8	1	1.8	20.5	24.5	0.0142	470
	1	7/0.43	1.29	0.8	1	1.8	21	18.1	0.0128	530
	1.5	7/0.52	1.56	0.8	1	1.8	22.5	12.1	0.0112	630
	2.5	7/0.67	2.01	0.8	1	1.8	24.5	7.41	0.0093	810
	4	7/0.85	2.55	1	1	1.8	28.5	4.61	0.0092	1180
	6	7/1.04	3.12	1	1	1.8	31	3.08	0.0078	1520
14	0.5	7/0.30	0.9	0.8	1	1.8	19.5	36	0.0162	420
	0.75	7/0.37	1.11	0.8	1	1.8	20.5	24.5	0.0142	480
	1	7/0.43	1.29	0.8	1	1.8	21	18.1	0.0128	540
	1.5	7/0.52	1.56	0.8	1	1.8	22.5	12.1	0.0112	640
	2.5	7/0.67	2.01	0.8	1	1.8	24.5	7.41	0.0093	840
	4	7/0.85	2.55	1	1	1.8	28.5	4.61	0.0092	1210
	6	7/1.04	3.12	1	1	1.8	31	3.08	0.0078	1570
15	0.5	7/0.30	0.9	0.8	1	1.8	20	36	0.0162	450
	0.75	7/0.37	1.11	0.8	1	1.8	21	24.5	0.0142	520
	1	7/0.43	1.29	0.8	1	1.8	22	18.1	0.0128	590
	1.5	7/0.52	1.56	0.8	1	1.8	23	12.1	0.0112	700
	2.5	7/0.67	2.01	0.8	1	1.8	25.5	7.41	0.0093	910
	4	7/0.85	2.55	1	1	1.8	30	4.61	0.0092	1320
	6	7/1.04	3.12	1	1	1.9	33	3.08	0.0078	1730

No. of cores	Conductor			Thickness of insulation	Thickness of inner Sheath	Thickness of outer Sheath	Overall diameter	Maximum conductor resistance (at 20°c)	Minimum insulation resistance (at 70°c)	Cable weight
	Nominal cross-sectional area	No.& dia. of wires	Diameter							
	mm^2	mm	mm	mm	mm	mm	mm	Ohm/km	Ohm/km	kg/km
16	0.5	7/0.30	0.9	0.8	1	1.8	20	36	0.0162	460
	0.75	7/0.37	1.11	0.8	1	1.8	21	24.5	0.0142	530
	1	7/0.43	1.29	0.8	1	1.8	22	18.1	0.0128	600
	1.5	7/0.52	1.56	0.8	1	1.8	23	12.1	0.0112	710
	2.5	7/0.67	2.01	0.8	1	1.8	25.5	7.41	0.0093	930
	4	7/0.85	2.55	1	1	1.8	30	4.61	0.0092	1360
	6	7/1.04	3.12	1	1	1.9	33	3.08	0.0078	1780
17	0.5	7/0.30	0.9	0.8	1	1.8	21	36	0.0162	490
	0.75	7/0.37	1.11	0.8	1	1.8	22	24.5	0.0142	570
	1	7/0.43	1.29	0.8	1	1.8	23	18.1	0.0128	640
	1.5	7/0.52	1.56	0.8	1	1.8	24	12.1	0.0112	770
	2.5	7/0.67	2.01	0.8	1	1.8	26.5	7.41	0.0093	1010
	4	7/0.85	2.55	1	1	1.8	31.5	4.61	0.0092	1470
	6	7/1.04	3.12	1	1	1.9	34.5	3.08	0.0078	1930
18	0.5	7/0.30	0.9	0.8	1	1.8	21	36	0.0162	500
	0.75	7/0.37	1.11	0.8	1	1.8	22	24.5	0.0142	580
	1	7/0.43	1.29	0.8	1	1.8	23	18.1	0.0128	650
	1.5	7/0.52	1.56	0.8	1	1.8	24	12.1	0.0112	780
	2.5	7/0.67	2.01	0.8	1	1.8	26.5	7.41	0.0093	1030
	4	7/0.85	2.55	1	1	1.8	31.5	4.61	0.0092	1510
	6	7/1.04	3.12	1	1	1.9	34.5	3.08	0.0078	1990
19	0.5	7/0.30	0.9	0.8	1	1.8	21	36	0.0162	500
	0.75	7/0.37	1.11	0.8	1	1.8	22	24.5	0.0142	590
	1	7/0.43	1.29	0.8	1	1.8	23	18.1	0.0128	660
	1.5	7/0.52	1.56	0.8	1	1.8	24	12.1	0.0112	790
	2.5	7/0.67	2.01	0.8	1	1.8	26.5	7.41	0.0093	1050
	4	7/0.85	2.55	1	1	1.8	31.5	4.61	0.0092	1540
	6	7/1.04	3.12	1	1	1.9	34.5	3.08	0.0078	2040
20	0.5	7/0.30	0.9	0.8	1	1.8	22	36	0.0162	530
	0.75	7/0.37	1.11	0.8	1	1.8	23	24.5	0.0142	620
	1	7/0.43	1.29	0.8	1	1.8	24	18.1	0.0128	710
	1.5	7/0.52	1.56	0.8	1	1.8	25.5	12.1	0.0112	850
	2.5	7/0.67	2.01	0.8	1	1.8	27.5	7.41	0.0093	1130
	4	7/0.85	2.55	1	1	1.9	33	4.61	0.0092	1680
	6	7/1.04	3.12	1	1.2	2	37	3.08	0.0078	2250

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No. of cores	Conductor			Thickness of insulation	Thickness of inner Sheath	Thickness of outer Sheath	Overall diameter	Maximum conductor resistance (at 20°c)	Minimum insulation resistance (at 70°c)	Cable weight
	Nominal cross-sectional area	No.& dia. of wires	Diameter							
	mm^2	mm	mm	mm	mm	mm	mm	Ohm/km	Ohm/km	kg/km
21	0.5	7/0.30	0.9	0.8	1	1.8	22	36	0.0162	540
	0.75	7/0.37	1.11	0.8	1	1.8	23	24.5	0.0142	630
	1	7/0.43	1.29	0.8	1	1.8	24	18.1	0.0128	720
	1.5	7/0.52	1.56	0.8	1	1.8	25.5	12.1	0.0112	860
	2.5	7/0.67	2.01	0.8	1	1.8	27.5	7.41	0.0093	1150
	4	7/0.85	2.55	1	1	1.9	33	4.61	0.0092	1700
	6	7/1.04	3.12	1	1.2	2	37	3.08	0.0078	2280
22	0.5	7/0.30	0.9	0.8	1	1.8	22.5	36	0.0162	580
	0.75	7/0.37	1.11	0.8	1	1.8	24	24.5	0.0142	680
	1	7/0.43	1.29	0.8	1	1.8	25	18.1	0.0128	770
	1.5	7/0.52	1.56	0.8	1	1.8	26.5	12.1	0.0112	930
	2.5	7/0.67	2.01	0.8	1	1.8	29	7.41	0.0093	1240
	4	7/0.85	2.55	1	1	1.9	34.5	4.61	0.0092	1840
	6	7/1.04	3.12	1	1.2	2	38.5	3.08	0.0078	2460
23	0.5	7/0.30	0.9	0.8	1	1.8	22.5	36	0.0162	590
	0.75	7/0.37	1.11	0.8	1	1.8	24	24.5	0.0142	690
	1	7/0.43	1.29	0.8	1	1.8	25	18.1	0.0128	780
	1.5	7/0.52	1.56	0.8	1	1.8	26.5	12.1	0.0112	940
	2.5	7/0.67	2.01	0.8	1	1.8	29	7.41	0.0093	1260
	4	7/0.85	2.55	1	1	1.9	34.5	4.61	0.0092	1880
	6	7/1.04	3.12	1	1.2	2	38.5	3.08	0.0078	2520
24	0.5	7/0.30	0.9	0.8	1	1.8	23.5	36	0.0162	600
	0.75	7/0.37	1.11	0.8	1	1.8	25	24.5	0.0142	710
	1	7/0.43	1.29	0.8	1	1.8	26	18.1	0.0128	810
	1.5	7/0.52	1.56	0.8	1	1.8	27.5	12.1	0.0112	970
	2.5	7/0.67	2.01	0.8	1	1.8	30.5	7.41	0.0093	1300
	4	7/0.85	2.55	1	1.2	2	37.5	4.61	0.0092	1980
	6	7/1.04	3.12	1	1.2	2.1	41	3.08	0.0078	2600
25	0.5	7/0.30	0.9	0.8	1	1.8	24	36	0.0162	630
	0.75	7/0.37	1.11	0.8	1	1.8	25.5	24.5	0.0142	740
	1	7/0.43	1.29	0.8	1	1.8	26.5	18.1	0.0128	850
	1.5	7/0.52	1.56	0.8	1	1.8	28	12.1	0.0112	1030
	2.5	7/0.67	2.01	0.8	1	1.8	31	7.41	0.0093	1370
	4	7/0.85	2.55	1	1.2	2	38	4.61	0.0092	2100
	6	7/1.04	3.12	1	1.2	2.1	42	3.08	0.0078	2760

No. of cores	Conductor			Thickness of insulation	Thickness of inner Sheath	Thickness of outer Sheath	Overall diameter	Maximum conductor resistance (at 20°c)	Minimum insulation resistance (at 70°c)	Cable weight
	Nominal cross-sectional area	No.& dia. of wires	Diameter							
	mm^2	mm	mm	mm	mm	mm	mm	Ohm/km	Ohm/km	kg/km
26	0.5	7/0.30	0.9	0.8	1	1.8	24	36	0.0162	640
	0.75	7/0.37	1.11	0.8	1	1.8	25.5	24.5	0.0142	750
	1	7/0.43	1.29	0.8	1	1.8	26.5	18.1	0.0128	860
	1.5	7/0.52	1.56	0.8	1	1.8	28	12.1	0.0112	1040
	2.5	7/0.67	2.01	0.8	1	1.8	31	7.41	0.0093	1390
	4	7/0.85	2.55	1	1.2	2	38	4.61	0.0092	2130
	6	7/1.04	3.12	1	1.2	2.1	42	3.08	0.0078	2800
27	0.5	7/0.30	0.9	0.8	1	1.8	24	36	0.0162	650
	0.75	7/0.37	1.11	0.8	1	1.8	25.5	24.5	0.0142	760
	1	7/0.43	1.29	0.8	1	1.8	26.5	18.1	0.0128	870
	1.5	7/0.52	1.56	0.8	1	1.8	28	12.1	0.0112	1050
	2.5	7/0.67	2.01	0.8	1	1.8	31	7.41	0.0093	1410
	4	7/0.85	2.55	1	1.2	2	38	4.61	0.0092	2170
	6	7/1.04	3.12	1	1.2	2.1	42	3.08	0.0078	2860
28	0.5	7/0.30	0.9	0.8	1	1.8	25	36	0.0162	680
	0.75	7/0.37	1.11	0.8	1	1.8	26	24.5	0.0142	800
	1	7/0.43	1.29	0.8	1	1.8	27.5	18.1	0.0128	920
	1.5	7/0.52	1.56	0.8	1	1.8	29	12.1	0.0112	1110
	2.5	7/0.67	2.01	0.8	1	1.8	32	7.41	0.0093	1490
	4	7/0.85	2.55	1	1.2	2	39.5	4.61	0.0092	2290
	6	7/1.04	3.12	1	1.2	2.2	43.5	3.08	0.0078	3040
29	0.5	7/0.30	0.9	0.8	1	1.8	25	36	0.0162	690
	0.75	7/0.37	1.11	0.8	1	1.8	26	24.5	0.0142	810
	1	7/0.43	1.29	0.8	1	1.8	27.5	18.1	0.0128	930
	1.5	7/0.52	1.56	0.8	1	1.8	29	12.1	0.0112	1130
	2.5	7/0.67	2.01	0.8	1	1.8	32	7.41	0.0093	1510
	4	7/0.85	2.55	1	1.2	2	39.5	4.61	0.0092	2330
	6	7/1.04	3.12	1	1.2	2.2	43.5	3.08	0.0078	3100
30	0.5	7/0.30	0.9	0.8	1	1.8	25	36	0.0162	700
	0.75	7/0.37	1.11	0.8	1	1.8	26	24.5	0.0142	820
	1	7/0.43	1.29	0.8	1	1.8	27.5	18.1	0.0128	940
	1.5	7/0.52	1.56	0.8	1	1.8	29	12.1	0.0112	1140
	2.5	7/0.67	2.01	0.8	1	1.8	32	7.41	0.0093	1540
	4	7/0.85	2.55	1	1.2	2	39.5	4.61	0.0092	2360
	6	7/1.04	3.12	1	1.2	2.2	43.5	3.08	0.0078	3150