MULTICORE PVC INSULATED SCREENED/UNSCREENED CABLES
SOLID CONDUCTOR (Class 1)

DESCRIPTION

- **Conductor**: Annealed bare/tinned solid copper class 1 to IEC 60228 & BS 6360
- **Insulation**: PVC type TI1 to BS 7655*
- **Identification**: numbered cores or coloured
- **Assembly**: in concentric layers
- **Screen**:(when required) aluminum bonded to polyester tape + tinned copper drain wire
- **Jacket**: overall PVC type TM1 to BS 7655*

*** Optional: 90°C / 105°C / FR / LS0H.**

SPECIFICATION: Generally to BS 5308 part 2

CHARACTERISTICS

- Test Voltage: 1000Vac - 1min.
- Rated Voltage: 300/500 V
- Rated Temperature: 70°C
- Min. **Insulation Resistance** at 20°C: 25MΩ.km
- Max. **Mutual Capacitance** of adjacent cores at 1kHz: 250 pF/m
- **Conductor Resistance**: refer to technical section

Conductor: 0.28mm² (1X0.6mm)

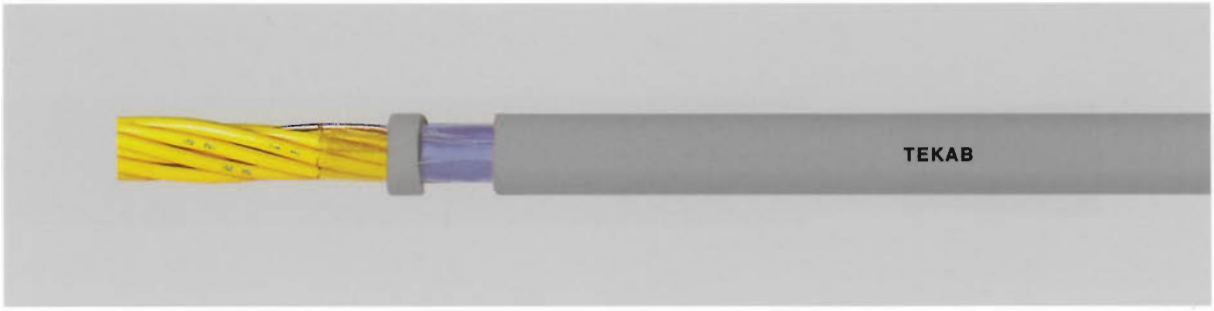
Number of Cores	Approx. O.D. mm	Approx. Weight kg/km	Code Nr screened
2	4.6	27	VA7V 2 X 0.28U
3	4.8	32	VA7V 3 X 0.28U
4	5.1	38	VA7V 4 X 0.28U
5	5.5	44	VA7V 5 X 0.28U
6	5.8	51	VA7V 6 X 0.28U
7	5.8	54	VA7V 7 X 0.28U
8	6.1	59	VA7V 8 X 0.28U
10	6.6	70	VA7V 10 X 0.28U
12	7.1	81	VA7V 12 X 0.28U
14	7.5	92	VA7V 14 X 0.28U
16	7.9	103	VA7V 16 X 0.28U
18	8.3	113	VA7V 18 X 0.28U
20	8.7	124	VA7V 20 X 0.28U
21	8.8	129	VA7V 21 X 0.28U
24	9.3	145	VA7V 24 X 0.28U
25	9.5	150	VA7V 25 X 0.28U
27	9.8	160	VA7V 27 X 0.28U
30	10.2	175	VA7V 30 X 0.28U
34	10.8	195	VA7V 34 X 0.28U
37	11.2	211	VA7V 37 X 0.28U
40	11.5	226	VA7V 40 X 0.28U
50	12.7	275	VA7V 50 X 0.28U
61	13.8	330	VA7V 61 X 0.28U
80	15.6	422	VA7V 80 X 0.28U

for Unscreened VV -- X 0.28U
If Tinned Copper, add 'T' in code after the conductor size.

Conductor: 0.5mm² (1X0.8mm)

Number of Cores	Approx. O.D. mm	Approx. Weight kg/km	Code Nr screened
2	5.6	43	VA7V 2 X 0.5U
3	5.9	52	VA7V 3 X 0.5U
4	6.3	62	VA7V 4 X 0.5U
5	6.9	74	VA7V 5 X 0.5U
6	7.5	87	VA7V 6 X 0.5U
7	7.5	92	VA7V 7 X 0.5U
8	8.0	102	VA7V 8 X 0.5U
10	8.7	122	VA7V 10 X 0.5U
12	9.3	142	VA7V 12 X 0.5U
14	9.9	162	VA7V 14 X 0.5U
16	10.5	181	VA7V 16 X 0.5U
18	11.0	200	VA7V 18 X 0.5U
20	11.5	219	VA7V 20 X 0.5U
21	11.8	229	VA7V 21 X 0.5U
24	12.5	257	VA7V 24 X 0.5U
25	12.7	267	VA7V 25 X 0.5U
27	13.1	285	VA7V 27 X 0.5U
30	13.7	313	VA7V 30 X 0.5U
34	14.5	351	VA7V 34 X 0.5U
37	15.1	378	VA7V 37 X 0.5U
40	15.6	406	VA7V 40 X 0.5U
50	17.2	498	VA7V 50 X 0.5U
61	18.8	598	VA7V 61 X 0.5U
80	21.3	770	VA7V 80 X 0.5U

for Unscreened VV -- X 0.5U
If Tinned Copper, add 'T' in code after the conductor size.



MULTICORE PVC INSULATED SCREENED/UNSCREENED CABLES

SOLID CONDUCTOR (Class 1)

Conductor: 1.0mm² (1X1.13mm)

Number of Cores	Approx. O.D. mm	Approx. Weight kg/km	Code Nr screened
2	7.0	65	VA7V 2 X 1U
3	7.4	82	VA7V 3 X 1U
4	8.1	101	VA7V 4 X 1U
5	8.8	124	VA7V 5 X 1U
6	9.6	148	VA7V 6 X 1U
7	9.6	156	VA7V 7 X 1U
8	10.2	175	VA7V 8 X 1U
10	11.2	212	VA7V 10 X 1U
12	12.1	249	VA7V 12 X 1U
14	13.0	285	VA7V 14 X 1U
16	13.8	322	VA7V 16 X 1U
18	14.5	357	VA7V 18 X 1U
20	15.2	393	VA7V 20 X 1U
21	15.5	411	VA7V 21 X 1U
24	16.4	464	VA7V 24 X 1U
25	16.8	482	VA7V 25 X 1U
27	17.3	517	VA7V 27 X 1U
30	18.2	570	VA7V 30 X 1U
34	19.2	640	VA7V 34 X 1U
37	20.0	693	VA7V 37 X 1U
40	20.7	745	VA7V 40 X 1U
50	23.0	918	VA7V 50 X 1U
61	25.2	1108	VA7V 61 X 1U
80	28.6	1434	VA7V 80 X 1U

for Unscreened VV -- X 1U
If Tinned Copper, add 'T' in code after the conductor size.

Conductor: 1.5mm² (1X1.38mm)

Number of Cores	Approx. O.D. mm	Approx. Weight kg/km	Code Nr screened
2	7.6	80	VA7V 2 X 1.5U
3	8.0	102	VA7V 3 X 1.5U
4	8.7	127	VA7V 4 X 1.5U
5	9.6	157	VA7V 5 X 1.5U
6	10.5	188	VA7V 6 X 1.5U
7	10.5	201	VA7V 7 X 1.5U
8	11.2	226	VA7V 8 X 1.5U
10	12.3	275	VA7V 10 X 1.5U
12	13.3	324	VA7V 12 X 1.5U
14	14.2	372	VA7V 14 X 1.5U
16	15.0	421	VA7V 16 X 1.5U
18	15.8	469	VA7V 18 X 1.5U
20	16.6	516	VA7V 20 X 1.5U
21	17.0	540	VA7V 21 X 1.5U
24	18.0	611	VA7V 24 X 1.5U
25	18.4	635	VA7V 25 X 1.5U
27	19.0	682	VA7V 27 X 1.5U
30	19.9	753	VA7V 30 X 1.5U
34	21.1	847	VA7V 34 X 1.5U
37	21.9	917	VA7V 37 X 1.5U
40	22.8	987	VA7V 40 X 1.5U
50	25.2	1221	VA7V 50 X 1.5U
61	27.7	1476	VA7V 61 X 1.5U
80	31.4	1914	VA7V 80 X 1.5U

for Unscreened VV -- X 1.5U
If Tinned Copper, add 'T' in code after the conductor size.