



TEKAB

MULTIPAIR PVC INSULATED SCREENED/UNSCREENED CABLES STRANDED CONDUCTOR (Class 2)

DESCRIPTION

- **Conductor:** Annealed bare/tinned stranded copper class 2 to IEC 60228 & BS 6360
- **Insulation:** PVC type T11 to BS 7655*
- **Pairing:** two insulated conductors twisted together to form a pair
- **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: 1.5mm² (Class 2 Stranded)

Number of Pairs	Approx. O.D. mm	Approx. Weight kg/km	Code Nr screened
1	8.1	87	VA7V 1 X 2 X 1.5R
2(1Q)	11.9	158	VA7V 1 X 4 X 1.5R
3	13.4	215	VA7V 3 X 2 X 1.5R
4	14.6	270	VA7V 4 X 2 X 1.5R
5	15.5	322	VA7V 5 X 2 X 1.5R
6	16.8	379	VA7V 6 X 2 X 1.5R
7	18.0	435	VA7V 7 X 2 X 1.5R
8	19.1	491	VA7V 8 X 2 X 1.5R
10	21.2	602	VA7V 10 X 2 X 1.5R
12	23.0	711	VA7V 12 X 2 X 1.5R
15	25.5	875	VA7V 15 X 2 X 1.5R
20	29.2	1146	VA7V 20 X 2 X 1.5R
25	32.4	1414	VA7V 25 X 2 X 1.5R
30	35.4	1681	VA7V 30 X 2 X 1.5R
40	40.5	2213	VA7V 40 X 2 X 1.5R
50	45.1	2742	VA7V 50 X 2 X 1.5R

for Unscreened VV -- X 2 X 1.5R

Conductor: 4mm² (Class 2 Stranded)

Number of Pairs	Approx. O.D. mm	Approx. Weight kg/km	Code Nr screened
1	11.1	171	VA7V 1 X 2 X 4R
2(1Q)	16.8	326	VA7V 1 X 4 X 4R
3	19.0	456	VA7V 3 X 2 X 4R
4	20.9	583	VA7V 4 X 2 X 4R
5	22.2	705	VA7V 5 X 2 X 4R
6	24.1	835	VA7V 6 X 2 X 4R
7	25.9	964	VA7V 7 X 2 X 4R
8	27.6	1093	VA7V 8 X 2 X 4R

for Unscreened VV -- X 2 X 4R
If Tinned Copper, add 'T' in code after the conductor size.

Conductor: 2.5mm² (Class 2 Stranded)

Number of Pairs	Approx. O.D. mm	Approx. Weight kg/km	Code Nr screened
1	9.9	128	VA7V 1 X 2 X 2.5R
2(1Q)	14.8	238	VA7V 1 X 4 X 2.5R
3	16.8	329	VA7V 3 X 2 X 2.5R
4	18.4	418	VA7V 4 X 2 X 2.5R
5	19.5	502	VA7V 5 X 2 X 2.5R
6	21.2	593	VA7V 6 X 2 X 2.5R
7	22.8	683	VA7V 7 X 2 X 2.5R
8	24.2	772	VA7V 8 X 2 X 2.5R
10	26.9	950	VA7V 10 X 2 X 2.5R
12	29.2	1128	VA7V 12 X 2 X 2.5R
15	32.5	1392	VA7V 15 X 2 X 2.5R
20	37.2	1829	VA7V 20 X 2 X 2.5R
25	41.4	2264	VA7V 25 X 2 X 2.5R
30	45.2	2697	VA7V 30 X 2 X 2.5R
40	51.9	3559	VA7V 40 X 2 X 2.5R
50	57.9	4418	VA7V 50 X 2 X 2.5R

for Unscreened VV -- X 2 X 2.5R

Conductor: 4mm² (Class 2 Stranded)

Number of Pairs	Approx. O.D. mm	Approx. Weight kg/km	Code Nr screened
10	30.6	1350	VA7V 10 X 2 X 4R
12	33.4	1605	VA7V 12 X 2 X 4R
15	37.1	1986	VA7V 15 X 2 X 4R
20	42.6	2618	VA7V 20 X 2 X 4R
25	47.4	3247	VA7V 25 X 2 X 4R
30	51.7	3874	VA7V 30 X 2 X 4R
40	59.5	5124	VA7V 40 X 2 X 4R
50	66.3	6370	VA7V 50 X 2 X 4R

for Unscreened VV -- X 2 X 4R
If Tinned Copper, add 'T' in code after the conductor size.