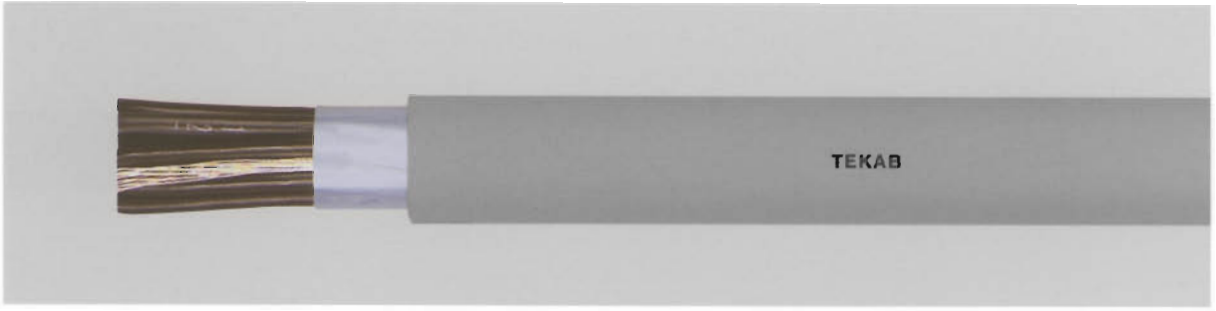


MULTICORE PVC INSULATED SCREENED/UNSCREENED CABLES
STRANDED CONDUCTOR (Class 2)

DESCRIPTION

- **Conductor**: Annealed bare/tinned stranded copper class 2 to IEC 60228 & BS 6360
- **Insulation**: PVC type 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: 1.5mm² (Class 2 Stranded)

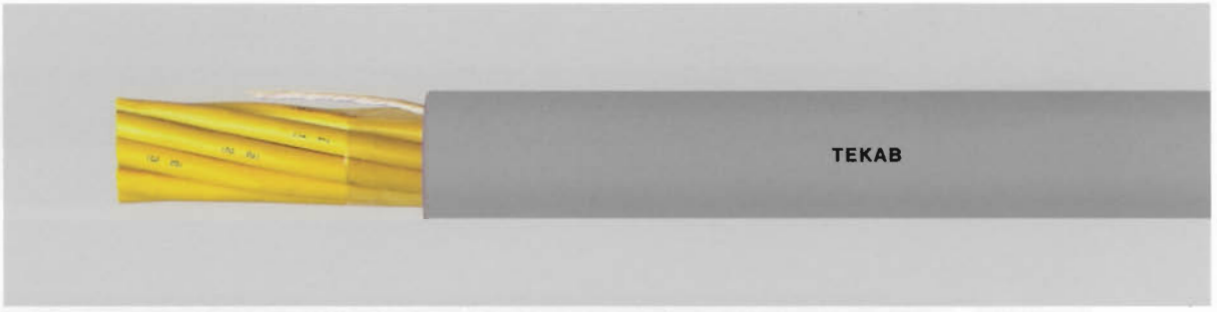
Number of Cores	Approx. O.D. mm	Approx. Weight kg/km	Code Nr screened
2	8.1	87	VA7V 2 X 1.5R
3	8.6	112	VA7V 3 X 1.5R
4	9.3	139	VA7V 4 X 1.5R
5	10.3	173	VA7V 5 X 1.5R
6	11.2	206	VA7V 6 X 1.5R
7	11.2	220	VA7V 7 X 1.5R
8	12.0	248	VA7V 8 X 1.5R
10	13.2	302	VA7V 10 X 1.5R
12	14.3	355	VA7V 12 X 1.5R
14	15.3	409	VA7V 14 X 1.5R
16	16.2	462	VA7V 16 X 1.5R
18	17.1	514	VA7V 18 X 1.5R
20	17.9	567	VA7V 20 X 1.5R
21	18.3	593	VA7V 21 X 1.5R
24	19.4	671	VA7V 24 X 1.5R
25	19.8	697	VA7V 25 X 1.5R
27	20.5	749	VA7V 27 X 1.5R
30	21.5	827	VA7V 30 X 1.5R
34	22.8	931	VA7V 34 X 1.5R
37	23.7	1008	VA7V 37 X 1.5R
40	24.6	1085	VA7V 40 X 1.5R
50	27.3	1342	VA7V 50 X 1.5R
61	29.9	1623	VA7V 61 X 1.5R
80	34.0	2105	VA7V 80 X 1.5R

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

Conductor: 2.5mm² (Class 2 Stranded)

Number of Cores	Approx. O.D. mm	Approx. Weight kg/km	Code Nr screened
2	9.9	128	VA7V 2 X 2.5R
3	10.6	169	VA7V 3 X 2.5R
4	11.6	213	VA7V 4 X 2.5R
5	12.8	266	VA7V 5 X 2.5R
6	14.0	321	VA7V 6 X 2.5R
7	14.0	342	VA7V 7 X 2.5R
8	15.0	387	VA7V 8 X 2.5R
10	16.5	474	VA7V 10 X 2.5R
12	17.9	560	VA7V 12 X 2.5R
14	19.2	646	VA7V 14 X 2.5R
16	20.4	732	VA7V 16 X 2.5R
18	21.6	817	VA7V 18 X 2.5R
20	22.6	902	VA7V 20 X 2.5R
21	23.2	944	VA7V 21 X 2.5R
24	24.6	1071	VA7V 24 X 2.5R
25	25.1	1114	VA7V 25 X 2.5R
27	26.0	1198	VA7V 27 X 2.5R
30	27.3	1324	VA7V 30 X 2.5R
34	29.0	1492	VA7V 34 X 2.5R
37	30.2	1617	VA7V 37 X 2.5R
40	31.3	1743	VA7V 40 X 2.5R
50	34.8	2159	VA7V 50 X 2.5R
61	38.2	2616	VA7V 61 X 2.5R
80	43.5	3402	VA7V 80 X 2.5R

for Unscreened VV -- X 2.5R
If Tinned Copper, add 'T' in code after the conductor size.



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

Conductor: 4.0mm² (Class 2 Stranded)

Number of Cores	Approx. O.D. mm	Approx. Weight kg/km	Code Nr screened
2	11.1	171	VA7V 2 X 4R
3	11.9	231	VA7V 3 X 4R
4	13.0	294	VA7V 4 X 4R
5	14.4	370	VA7V 5 X 4R
6	15.8	447	VA7V 6 X 4R
7	15.8	481	VA7V 7 X 4R
8	17.0	545	VA7V 8 X 4R
10	18.7	670	VA7V 10 X 4R
12	20.4	795	VA7V 12 X 4R
14	21.9	919	VA7V 14 X 4R
16	23.2	1043	VA7V 16 X 4R
18	24.5	1166	VA7V 18 X 4R

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

Conductor: 4.0mm² (Class 2 Stranded)

Number of Cores	Approx. O.D. mm	Approx. Weight KG/KM	Code Nr screened
20	25.8	1289	VA7V 20 X 4R
21	26.4	1350	VA7V 21 X 4R
24	28.1	1534	VA7V 24 X 4R
25	28.6	1595	VA7V 25 X 4R
27	29.7	1717	VA7V 27 X 4R
30	31.2	1901	VA7V 30 X 4R
34	33.1	2144	VA7V 34 X 4R
37	34.4	2326	VA7V 37 X 4R
40	35.7	2508	VA7V 40 X 4R
50	39.7	3114	VA7V 50 X 4R
61	43.7	3778	VA7V 61 X 4R
80	49.8	4922	VA7V 80 X 4R

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