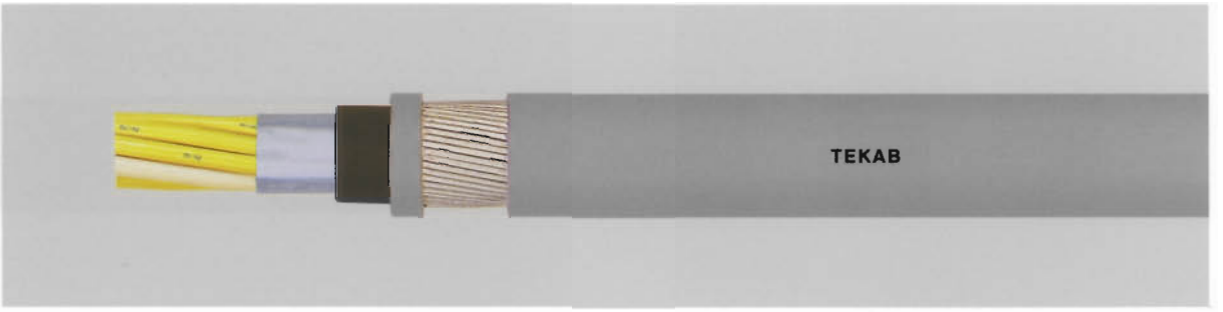


MULTICORE PVC INSULATED SCREENED/UNSCREENED ARMOURED CABLES
STRANDED CONDUCTOR (Class 2)

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
- **Bedding**: extruded PVC type TM1
- **Armouring**: galvanized steel wire(GSW)
- **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)

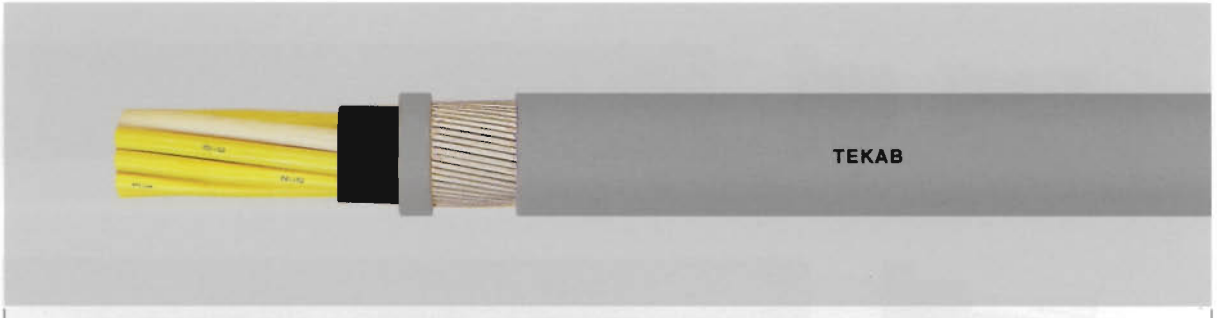
Number of Cores	Approx. O.D. mm	Approx. Weight kg/km	Code Nr screened
2	13.0	339	VA7Z2V 2 X 1.5R
3	13.5	374	VA7Z2V 3 X 1.5R
4	15.1	512	VA7Z2V 4 X 1.5R
5	16.1	577	VA7Z2V 5 X 1.5R
6	17.1	653	VA7Z2V 6 X 1.5R
7	17.1	667	VA7Z2V 7 X 1.5R
8	17.9	714	VA7Z2V 8 X 1.5R
10	19.2	814	VA7Z2V 10 X 1.5R
12	20.3	912	VA7Z2V 12 X 1.5R
14	21.4	999	VA7Z2V 14 X 1.5R
16	22.4	1085	VA7Z2V 16 X 1.5R
18	23.3	1170	VA7Z2V 18 X 1.5R
20	25.0	1416	VA7Z2V 20 X 1.5R
21	25.4	1465	VA7Z2V 21 X 1.5R
24	26.6	1594	VA7Z2V 24 X 1.5R
25	27.0	1625	VA7Z2V 25 X 1.5R
27	27.8	1722	VA7Z2V 27 X 1.5R
30	28.9	1850	VA7Z2V 30 X 1.5R
34	30.2	2008	VA7Z2V 34 X 1.5R
37	31.2	2134	VA7Z2V 37 X 1.5R
40	32.1	2242	VA7Z2V 40 X 1.5R
50	35.0	2630	VA7Z2V 50 X 1.5R
61	38.7	3332	VA7Z2V 61 X 1.5R
80	43.1	4055	VA7Z2V 80 X 1.5R

for Unscreened VZ2V -- 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	15.7	518	VA7Z2V 2 X 2.5R
3	16.4	588	VA7Z2V 3 X 2.5R
4	17.4	664	VA7Z2V 4 X 2.5R
5	18.8	763	VA7Z2V 5 X 2.5R
6	20.1	864	VA7Z2V 6 X 2.5R
7	20.1	885	VA7Z2V 7 X 2.5R
8	21.1	963	VA7Z2V 8 X 2.5R
10	22.7	1113	VA7Z2V 10 X 2.5R
12	25.0	1410	VA7Z2V 12 X 2.5R
14	26.4	1549	VA7Z2V 14 X 2.5R
16	27.7	1704	VA7Z2V 16 X 2.5R
18	28.9	1841	VA7Z2V 18 X 2.5R
20	30.0	1977	VA7Z2V 20 X 2.5R
21	30.6	2027	VA7Z2V 21 X 2.5R
24	32.2	2229	VA7Z2V 24 X 2.5R
25	32.7	2297	VA7Z2V 25 X 2.5R
27	33.6	2431	VA7Z2V 27 X 2.5R
30	35.0	2614	VA7Z2V 30 X 2.5R
34	37.7	3157	VA7Z2V 34 X 2.5R
37	38.9	3331	VA7Z2V 37 X 2.5R
40	40.1	3532	VA7Z2V 40 X 2.5R
50	43.9	4151	VA7Z2V 50 X 2.5R
61	47.5	4814	VA7Z2V 61 X 2.5R
80	54.3	6437	VA7Z2V 80 X 2.5R

for Unscreened VZ2V -- X 2.5R
If Tinned Copper, add 'T' in code after the conductor size.



MULTICORE PVC INSULATED SCREENED/UNSCREENED ARMOURED 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	17.0	607	VA7Z2V 2 X 4R
3	17.8	697	VA7Z2V 3 X 4R
4	19.0	805	VA7Z2V 4 X 4R
5	20.5	929	VA7Z2V 5 X 4R
6	22.0	1055	VA7Z2V 6 X 4R
7	22.0	1089	VA7Z2V 7 X 4R
8	23.2	1200	VA7Z2V 8 X 4R
10	25.9	1548	VA7Z2V 10 X 4R
12	27.6	1748	VA7Z2V 12 X 4R
14	29.2	1947	VA7Z2V 14 X 4R
16	30.7	2144	VA7Z2V 16 X 4R
18	32.1	2323	VA7Z2V 18 X 4R

for Unscreened VZ2V -- 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	33.4	2500	VA7Z2V 20 X 4R
21	34.0	2589	VA7Z2V 21 X 4R
24	35.8	2854	VA7Z2V 24 X 4R
25	37.3	3226	VA7Z2V 25 X 4R
27	38.4	3422	VA7Z2V 27 X 4R
30	40.0	3687	VA7Z2V 30 X 4R
34	42.0	4021	VA7Z2V 34 X 4R
37	43.5	4284	VA7Z2V 37 X 4R
40	44.9	4546	VA7Z2V 40 X 4R
50	50.3	5894	VA7Z2V 50 X 4R
61	54.5	6817	VA7Z2V 61 X 4R
80	61.0	8407	VA7Z2V 80 X 4R

for Unscreened VZ2V -- X 4R
If Tinned Copper, add 'T' in code after the conductor size.