



MULTIPAIR PVC INSULATED SCREENED/UNSCREENED ARMoured CABLES FLEXIBLE CONDUCTOR (Class 5)

DESCRIPTION

- **Conductor:** Annealed bare/tinned flexible copper class 5 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
 - **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: 0.5mm² - Class 5 (Flexible)

Number of Pairs	Approx. O.D. mm	Approx. Weight kg/km	Code Nr screened
1	11.3	262	VA7Z2V 1 X 2 X 0.50K
2(1Q)	15.1	463	VA7Z2V 1 X 4 X 0.50K
3	16.3	535	VA7Z2V 3 X 2 X 0.50K
4	17.4	593	VA7Z2V 4 X 2 X 0.50K
5	18.0	646	VA7Z2V 5 X 2 X 0.50K
6	19.1	706	VA7Z2V 6 X 2 X 0.50K
7	20.1	765	VA7Z2V 7 X 2 X 0.50K
8	21.0	823	VA7Z2V 8 X 2 X 0.50K
10	22.6	938	VA7Z2V 10 X 2 X 0.50K
12	24.9	1200	VA7Z2V 12 X 2 X 0.50K
15	26.9	1356	VA7Z2V 15 X 2 X 0.50K
20	29.8	1611	VA7Z2V 20 X 2 X 0.50K
25	32.4	1861	VA7Z2V 25 X 2 X 0.50K
30	34.8	2092	VA7Z2V 30 X 2 X 0.50K
40	39.9	2808	VA7Z2V 40 X 2 X 0.50K
50	43.5	3282	VA7Z2V 50 X 2 X 0.50K

for Unscreened VZ2V -- X 2 X 0.50K
If Tinned Copper, add 'T' in code after the conductor size.

Conductor: 0.75mm² - Class 5 (Flexible)

Number of Pairs	Approx. O.D. mm	Approx. Weight kg/km	Code Nr screened
1	11.8	281	VA7Z2V 1 X 2 X 0.75K
2(1Q)	15.9	510	VA7Z2V 1 X 4 X 0.75K
3	17.2	591	VA7Z2V 3 X 2 X 0.75K
4	18.4	658	VA7Z2V 4 X 2 X 0.75K
5	19.1	719	VA7Z2V 5 X 2 X 0.75K
6	20.3	788	VA7Z2V 6 X 2 X 0.75K
7	21.3	866	VA7Z2V 7 X 2 X 0.75K
8	22.3	933	VA7Z2V 8 X 2 X 0.75K
10	24.9	1226	VA7Z2V 10 X 2 X 0.75K
12	26.5	1366	VA7Z2V 12 X 2 X 0.75K
15	28.7	1547	VA7Z2V 15 X 2 X 0.75K
20	32.0	1862	VA7Z2V 20 X 2 X 0.75K
25	34.8	2155	VA7Z2V 25 X 2 X 0.75K
30	38.3	2704	VA7Z2V 30 X 2 X 0.75K
40	42.9	3294	VA7Z2V 40 X 2 X 0.75K
50	46.9	3822	VA7Z2V 50 X 2 X 0.75K

for Unscreened VZ2V -- X 2 X 0.75K
If Tinned Copper, add 'T' in code after the conductor size.

**MULTIPAIR PVC INSULATED SCREENED/UNSCREENED ARMoured CABLES
FLEXIBLE CONDUCTOR (Class 5)**

Conductor: 1.0mm² - Class 5 (Flexible)

Number of Pairs	Approx. O.D. mm	Approx. Weight kg/km	Code Nr screened
1	12.2	298	VA7Z2V 1 X 2 X 1K
2(1Q)	16.6	545	VA7Z2V 1 X 4 X 1K
3	18.0	644	VA7Z2V 3 X 2 X 1K
4	19.2	719	VA7Z2V 4 X 2 X 1K
5	20.0	788	VA7Z2V 5 X 2 X 1K
6	21.3	876	VA7Z2V 6 X 2 X 1K
7	22.4	952	VA7Z2V 7 X 2 X 1K
8	23.5	1028	VA7Z2V 8 X 2 X 1K
10	26.2	1351	VA7Z2V 10 X 2 X 1K
12	27.9	1507	VA7Z2V 12 X 2 X 1K
15	30.3	1730	VA7Z2V 15 X 2 X 1K
20	33.8	2085	VA7Z2V 20 X 2 X 1K
25	37.8	2713	VA7Z2V 25 X 2 X 1K
30	40.5	3037	VA7Z2V 30 X 2 X 1K
40	45.5	3706	VA7Z2V 40 X 2 X 1K
50	50.9	4808	VA7Z2V 50 X 2 X 1K

for Unscreened VZ2V -- X 2 X 1K
If Tinned Copper, add 'T' in code after the conductor size.

Conductor: 1.5mm² - Class 5 (Flexible)

Number of Pairs	Approx. O.D. mm	Approx. Weight kg/km	Code Nr screened
1	12.9	330	VA7Z2V 1 X 2 X 1.50K
2(1Q)	17.6	617	VA7Z2V 1 X 4 X 1.50K
3	19.2	721	VA7Z2V 3 X 2 X 1.50K
4	20.5	821	VA7Z2V 4 X 2 X 1.50K
5	21.4	903	VA7Z2V 5 X 2 X 1.50K
6	22.8	1006	VA7Z2V 6 X 2 X 1.50K
7	24.9	1269	VA7Z2V 7 X 2 X 1.50K
8	26.0	1373	VA7Z2V 8 X 2 X 1.50K
10	28.2	1561	VA7Z2V 10 X 2 X 1.50K
12	30.1	1764	VA7Z2V 12 X 2 X 1.50K
15	32.8	2031	VA7Z2V 15 X 2 X 1.50K
20	37.5	2742	VA7Z2V 20 X 2 X 1.50K
25	40.9	3196	VA7Z2V 25 X 2 X 1.50K
30	44.0	3618	VA7Z2V 30 X 2 X 1.50K
40	50.6	4923	VA7Z2V 40 X 2 X 1.50K
50	55.4	5748	VA7Z2V 50 X 2 X 1.50K

for Unscreened VZ2V -- X 2 X 1.50K
If Tinned Copper, add 'T' in code after the conductor size.

