



INDIVIDUALLY SCREENED PVC INSULATED MULTIPAIR ARMoured CABLE 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
- **Screen:** each pair individually screened with Alu/Pet foil + tinned copper drain wire
- **Assembly:** in concentric layers
- **Overall Screen:** (when required) Alu/Pet foil + 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** at 1kHz
of one pair: 250 pF/m
pair to screen: 400 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
2	15.8	517	VA8Z2V 2 X 2 X 0.5K
3	17.5	606	VA8Z2V 3 X 2 X 0.5K
4	18.9	705	VA8Z2V 4 X 2 X 0.5K
5	20.4	795	VA8Z2V 5 X 2 X 0.5K
6	21.8	884	VA8Z2V 6 X 2 X 0.5K
8	23.4	1007	VA8Z2V 8 X 2 X 0.5K
10	27.6	1390	VA8Z2V 10 X 2 X 0.5K
12	28.3	1500	VA8Z2V 12 X 2 X 0.5K
15	31.0	1722	VA8Z2V 15 X 2 X 0.5K
16	31.0	1752	VA8Z2V 16 X 2 X 0.5K
20	33.5	2001	VA8Z2V 20 X 2 X 0.5K
30	40.3	2936	VA8Z2V 30 X 2 X 0.5K
40	45.7	3614	VA8Z2V 40 X 2 X 0.5K
50	51.3	4699	VA8Z2V 50 X 2 X 0.5K

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
2	16.6	554	VA8Z2V 2 X 2 X 0.75K
3	18.4	664	VA8Z2V 3 X 2 X 0.75K
4	20.0	773	VA8Z2V 4 X 2 X 0.75K
5	21.5	873	VA8Z2V 5 X 2 X 0.75K
6	23.1	983	VA8Z2V 6 X 2 X 0.75K
8	25.7	1291	VA8Z2V 8 X 2 X 0.75K
10	29.3	1552	VA8Z2V 10 X 2 X 0.75K
12	30.1	1677	VA8Z2V 12 X 2 X 0.75K
15	33.1	1947	VA8Z2V 15 X 2 X 0.75K
16	33.1	1983	VA8Z2V 16 X 2 X 0.75K
20	35.8	2268	VA8Z2V 20 X 2 X 0.75K
30	43.1	3335	VA8Z2V 30 X 2 X 0.75K
40	50.0	4550	VA8Z2V 40 X 2 X 0.75K
50	54.9	5344	VA8Z2V 50 X 2 X 0.75K

If Tinned Copper, add 'T' in code after the conductor size.

**INDIVIDUALLY SCREENED PVC INSULATED MULTIPAIR ARMoured CABLE
FLEXIBLE CONDUCTOR (Class 5)**

Conductor: 1.0mm ² - Class 5 (Flexible)			
Number of Pairs	Approx. O.D. mm	Approx. Weight kg/km	Code Nr screened
2	17.5	608	VA8Z2V 2 X 2 X 1K
3	19.5	741	VA8Z2V 3 X 2 X 1K
4	21.3	863	VA8Z2V 4 X 2 X 1K
5	23.1	977	VA8Z2V 5 X 2 X 1K
6	25.6	1265	VA8Z2V 6 X 2 X 1K
8	27.5	1449	VA8Z2V 8 X 2 X 1K
10	31.5	1755	VA8Z2V 10 X 2 X 1K
12	32.4	1900	VA8Z2V 12 X 2 X 1K
15	35.7	2205	VA8Z2V 15 X 2 X 1K
16	35.7	2249	VA8Z2V 16 X 2 X 1K
20	39.5	2888	VA8Z2V 20 X 2 X 1K
30	46.6	3824	VA8Z2V 30 X 2 X 1K
40	54.2	5230	VA8Z2V 40 X 2 X 1K
50	59.6	6135	VA8Z2V 50 X 2 X 1K

If Tinned Copper, add 'T' in code after the conductor size.

Conductor: 1.5mm ² - Class 5 (Flexible)			
Number of Pairs	Approx. O.D. mm	Approx. Weight kg/km	Code Nr screened
2	19.2	710	VA8Z2V 2 X 2 X 1.5K
3	21.5	866	VA8Z2V 3 X 2 X 1.5K
4	23.5	1020	VA8Z2V 4 X 2 X 1.5K
5	26.3	1330	VA8Z2V 5 X 2 X 1.5K
6	28.3	1504	VA8Z2V 6 X 2 X 1.5K
8	30.5	1727	VA8Z2V 8 X 2 X 1.5K
10	35.2	2105	VA8Z2V 10 X 2 X 1.5K
12	37.0	2564	VA8Z2V 12 X 2 X 1.5K
15	40.8	2986	VA8Z2V 15 X 2 X 1.5K
16	40.8	3045	VA8Z2V 16 X 2 X 1.5K
20	44.2	3522	VA8Z2V 20 X 2 X 1.5K
30	53.6	5171	VA8Z2V 30 X 2 X 1.5K
40	61.0	6432	VA8Z2V 40 X 2 X 1.5K
50	67.3	7542	VA8Z2V 50 X 2 X 1.5K

If Tinned Copper, add 'T' in code after the conductor size.

