



TEKAB



TEKAB

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

DESCRIPTION

- **Conductor:** Annealed bare/tinned flexible copper class 5 to IEC 60228 & BS 6360
- **Insulation:** PVC type Tl1 to Bs 7655*
- **Pairing:** two insulated conductors twisted together to form a pair
- **Screen:** each pair is 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
- **Jacket:** overall type TM1 to BS 7655*
- * **Optional:** 90°C / 105°C / FR / LSOH.

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	10.0	115	VA8V 2 X 2 X 0.5K
3	11.9	165	VA8V 3 X 2 X 0.5K
4	13.4	210	VA8V 4 X 2 X 0.5K
5	14.6	250	VA8V 5 X 2 X 0.5K
6	16.0	288	VA8V 6 X 2 X 0.5K
8	17.6	365	VA8V 8 X 2 X 0.5K
10	20.5	446	VA8V 10 X 2 X 0.5K
12	21.1	509	VA8V 12 X 2 X 0.5K
15	23.5	614	VA8V 15 X 2 X 0.5K
16	23.5	643	VA8V 16 X 2 X 0.5K
20	26.1	803	VA8V 20 X 2 X 0.5K
30	31.8	1189	VA8V 30 X 2 X 0.5K
40	36.9	1533	VA8V 40 X 2 X 0.5K
50	41.7	1900	VA8V 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	11.1	144	VA8V 2 X 2 X 0.75K
3	12.7	191	VA8V 3 X 2 X 0.75K
4	14.3	244	VA8V 4 X 2 X 0.75K
5	15.7	292	VA8V 5 X 2 X 0.75K
6	17.1	337	VA8V 6 X 2 X 0.75K
8	18.8	430	VA8V 8 X 2 X 0.75K
10	22.0	526	VA8V 10 X 2 X 0.75K
12	22.7	603	VA8V 12 X 2 X 0.75K
15	25.7	755	VA8V 15 X 2 X 0.75K
16	25.7	791	VA8V 16 X 2 X 0.75K
20	28.2	967	VA8V 20 X 2 X 0.75K
30	34.4	1413	VA8V 30 X 2 X 0.75K
40	39.9	1861	VA8V 40 X 2 X 0.75K
50	44.5	2303	VA8V 50 X 2 X 0.75K

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

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

Conductor: 1.0mm² - Class 5 (Flexible)

Number of Pairs	Approx. O.D. mm	Approx. Weight kg/km	Code Nr screened
2	12.0	165	VA8V 2 X 2 X 1.0K
3	13.9	228	VA8V 3 X 2 X 1.0K
4	15.5	284	VA8V 4 X 2 X 1.0K
5	17.0	341	VA8V 5 X 2 X 1.0K
6	18.8	405	VA8V 6 X 2 X 1.0K
8	20.4	506	VA8V 8 X 2 X 1.0K
10	24.2	638	VA8V 10 X 2 X 1.0K
12	25.1	735	VA8V 12 X 2 X 1.0K
15	28.2	905	VA8V 15 X 2 X 1.0K
16	28.2	949	VA8V 16 X 2 X 1.0K
20	31.0	1162	VA8V 20 X 2 X 1.0K
30	37.7	1703	VA8V 30 X 2 X 1.0K
40	43.8	2247	VA8V 40 X 2 X 1.0K
50	48.9	2783	VA8V 50 X 2 X 1.0K

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
2	13.6	212	VA8V 2 X 2 X 1.5K
3	15.6	286	VA8V 3 X 2 X 1.5K
4	17.6	367	VA8V 4 X 2 X 1.5K
5	19.4	442	VA8V 5 X 2 X 1.5K
6	21.2	513	VA8V 6 X 2 X 1.5K
8	23.1	645	VA8V 8 X 2 X 1.5K
10	27.7	830	VA8V 10 X 2 X 1.5K
12	28.6	960	VA8V 12 X 2 X 1.5K
15	32.2	1184	VA8V 15 X 2 X 1.5K
16	32.2	1247	VA8V 16 X 2 X 1.5K
20	35.5	1529	VA8V 20 X 2 X 1.5K
30	43.3	2246	VA8V 30 X 2 X 1.5K
40	50.3	2967	VA8V 40 X 2 X 1.5K
50	56.2	3680	VA8V 50 X 2 X 1.5K

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

