



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

DESCRIPTION

- **Conductor:** Annealed bare/tinned flexible copper class 5 to IEC 60228 & BS 6360
- **Insulation:** PVC type TI1 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
- **Jacket:** overall PVC 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** 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	6.5	52	VA7V 1 X 2 X 0.5K
2(1Q)	9.4	89	VA7V 1 X 4 X 0.5K
3	10.5	117	VA7V 3 X 2 X 0.5K
4	11.5	143	VA7V 4 X 2 X 0.5K
5	12.1	168	VA7V 5 X 2 X 0.5K
6	13.1	195	VA7V 6 X 2 X 0.5K
7	14.0	222	VA7V 7 X 2 X 0.5K
8	14.9	248	VA7V 8 X 2 X 0.5K
10	16.4	301	VA7V 10 X 2 X 0.5K
12	17.8	353	VA7V 12 X 2 X 0.5K
15	19.7	430	VA7V 15 X 2 X 0.5K
20	22.5	556	VA7V 20 X 2 X 0.5K
25	24.9	681	VA7V 25 X 2 X 0.5K
30	27.1	806	VA7V 30 X 2 X 0.5K
40	31.0	1052	VA7V 40 X 2 X 0.5K
50	34.5	1296	VA7V 50 X 2 X 0.5K

for Unscreened VV -- 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
1	7.0	61	VA7V 1 X 2 X 0.75K
2(1Q)	10.1	107	VA7V 1 X 4 X 0.75K
3	11.4	142	VA7V 3 X 2 X 0.75K
4	12.4	176	VA7V 4 X 2 X 0.75K
5	13.1	207	VA7V 5 X 2 X 0.75K
6	14.2	242	VA7V 6 X 2 X 0.75K
7	15.2	276	VA7V 7 X 2 X 0.75K
8	16.1	310	VA7V 8 X 2 X 0.75K
10	17.8	378	VA7V 10 X 2 X 0.75K
12	19.3	444	VA7V 12 X 2 X 0.75K
15	21.4	543	VA7V 15 X 2 X 0.75K
20	24.5	706	VA7V 20 X 2 X 0.75K
25	27.1	868	VA7V 25 X 2 X 0.75K
30	29.6	1028	VA7V 30 X 2 X 0.75K
40	33.9	1347	VA7V 40 X 2 X 0.75K
50	37.7	1663	VA7V 50 X 2 X 0.75K

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

MULTIPAIR PVC INSULATED SCREENED/UNSCREENED 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	7.4	70	VA7V 1 X 2 X 1K
2(1Q)	10.7	124	VA7V 1 X 4 X 1K
3	12.1	166	VA7V 3 X 2 X 1K
4	13.2	207	VA7V 4 X 2 X 1K
5	14.0	245	VA7V 5 X 2 X 1K
6	15.1	287	VA7V 6 X 2 X 1K
7	16.2	328	VA7V 7 X 2 X 1K
8	17.2	370	VA7V 8 X 2 X 1K
10	19.0	451	VA7V 10 X 2 X 1K
12	20.7	532	VA7V 12 X 2 X 1K
15	22.9	652	VA7V 15 X 2 X 1K
20	26.2	850	VA7V 20 X 2 X 1K
25	29.0	1046	VA7V 25 X 2 X 1K
30	31.6	1242	VA7V 30 X 2 X 1K
40	36.3	1630	VA7V 40 X 2 X 1K
50	40.3	2015	VA7V 50 X 2 X 1K

for Unscreened VV -- 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	8.0	85	VA7V 1 X 2 X 1.5K
2(1Q)	11.7	154	VA7V 1 X 4 X 1.5K
3	13.2	208	VA7V 3 X 2 X 1.5K
4	14.5	262	VA7V 4 X 2 X 1.5K
5	15.3	312	VA7V 5 X 2 X 1.5K
6	16.6	367	VA7V 6 X 2 X 1.5K
7	17.8	421	VA7V 7 X 2 X 1.5K
8	18.9	475	VA7V 8 X 2 X 1.5K
10	20.9	582	VA7V 10 X 2 X 1.5K
12	22.7	688	VA7V 12 X 2 X 1.5K
15	25.2	846	VA7V 15 X 2 X 1.5K
20	28.8	1107	VA7V 20 X 2 X 1.5K
25	32.0	1366	VA7V 25 X 2 X 1.5K
30	34.9	1624	VA7V 30 X 2 X 1.5K
40	40.0	2137	VA7V 40 X 2 X 1.5K
50	44.5	2647	VA7V 50 X 2 X 1.5K

for Unscreened VV -- X 2 X 1.5K
 If Tinned Copper, add 'T' in code after the conductor size.

