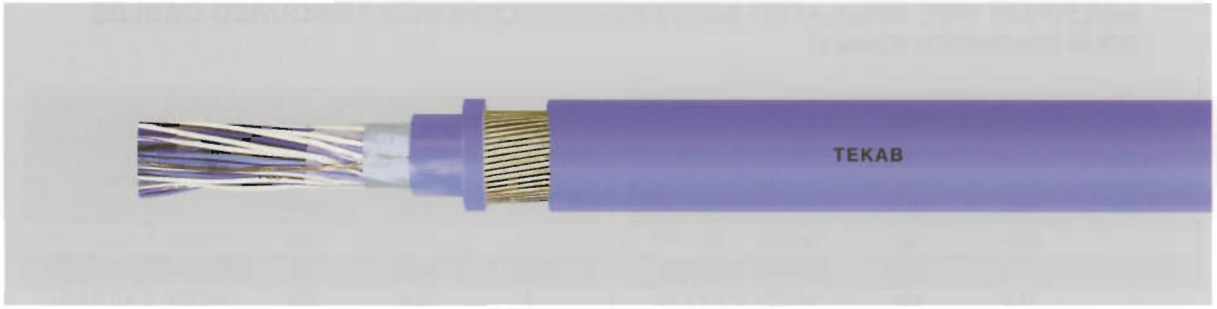

MULTIPAIR PVC INSULATED SCREENED/UNSCREENED ARMOURED CABLES

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*
- **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: 1.5mm² (Class 2 Stranded)

Number of Pairs	Approx. O.D. mm	Approx. Weight kg/km	Code Nr screened
1	13.0	339	VA7Z2V 1 X 2 X 1.5R
2(1Q)	17.8	623	VA7Z2V 1 X 4 X 1.5R
3	19.4	740	VA7Z2V 3 X 2 X 1.5R
4	20.7	831	VA7Z2V 4 X 2 X 1.5R
5	21.6	916	VA7Z2V 5 X 2 X 1.5R
6	23.0	1032	VA7Z2V 6 X 2 X 1.5R
7	25.1	1285	VA7Z2V 7 X 2 X 1.5R
8	26.3	1392	VA7Z2V 8 X 2 X 1.5R
10	28.5	1602	VA7Z2V 10 X 2 X 1.5R
12	30.4	1792	VA7Z2V 12 X 2 X 1.5R
15	33.1	2082	VA7Z2V 15 X 2 X 1.5R
20	37.9	2814	VA7Z2V 20 X 2 X 1.5R
25	41.4	3279	VA7Z2V 25 X 2 X 1.5R
30	44.5	3712	VA7Z2V 30 X 2 X 1.5R
40	51.1	5053	VA7Z2V 40 X 2 X 1.5R
50	56.0	5900	VA7Z2V 50 X 2 X 1.5R

for Unscreened	VZ2V -- X 2 X 1.5R

Conductor: 2.5mm² (Class 2 Stranded)

Number of Pairs	Approx. O.D. mm	Approx. Weight kg/km	Code Nr screened
1	15.7	518	VA7Z2V 1 X 2 X 2.5R
2(1Q)	20.9	813	VA7Z2V 1 X 4 X 2.5R
3	23.0	971	VA7Z2V 3 X 2 X 2.5R
4	25.5	1291	VA7Z2V 4 X 2 X 2.5R
5	26.7	1462	VA7Z2V 5 X 2 X 2.5R
6	28.5	1593	VA7Z2V 6 X 2 X 2.5R
7	30.2	1759	VA7Z2V 7 X 2 X 2.5R
8	31.7	1906	VA7Z2V 8 X 2 X 2.5R
10	34.5	2215	VA7Z2V 10 X 2 X 2.5R
12	38.0	2797	VA7Z2V 12 X 2 X 2.5R
15	41.4	3258	VA7Z2V 15 X 2 X 2.5R
20	46.5	3980	VA7Z2V 20 X 2 X 2.5R
25	52.1	5166	VA7Z2V 25 X 2 X 2.5R
30	56.1	5857	VA7Z2V 30 X 2 X 2.5R
40	63.3	7227	VA7Z2V 40 X 2 X 2.5R
50	69.6	8544	VA7Z2V 50 X 2 X 2.5R

for Unscreened	VZ2V -- X 2 X 2.5R

Conductor: 4.0mm² (Class 2 Stranded)

Number of Pairs	Approx. O.D. mm	Approx. Weight kg/km	Code Nr screened
1	17.0	607	VA7Z2V 1 X 2 X 4R
2(1Q)	23.0	967.62	VA7Z2V 1 X 4 X 4R
3	26.2	1355.1	VA7Z2V 3 X 2 X 4R
4	28.2	1561.8	VA7Z2V 4 X 2 X 4R
5	29.5	1755.3	VA7Z2V 5 X 2 X 4R
6	31.6	1967.7	VA7Z2V 6 X 2 X 4R
7	33.5	2195.9	VA7Z2V 7 X 2 X 4R
8	35.3	2404.8	VA7Z2V 8 X 2 X 4R

for Unscreened	VZ2V -- X 2 X 4R
If Tinned Copper, add 'T' in code after the conductor size.	

Conductor: 4.0mm² (Class 2 Stranded)

Number of Pairs	Approx. O.D. mm	Approx. Weight kg/km	Code Nr screened
10	39.4	3099.2	VA7Z2V 10 X 2 X 4R
12	42.4	3515.2	VA7Z2V 12 X 2 X 4R
15	46.4	4106.6	VA7Z2V 15 X 2 X 4R
20	53.3	5588.9	VA7Z2V 20 X 2 X 4R
25	58.4	6587.7	VA7Z2V 25 X 2 X 4R
30	63.1	7537.3	VA7Z2V 30 X 2 X 4R
40	71.3	9380.8	VA7Z2V 40 X 2 X 4R
50	78.6	11169	VA7Z2V 50 X 2 X 4R

for Unscreened	VZ2V -- X 2 X 4R
If Tinned Copper, add 'T' in code after the conductor size.	