APPLICATION

Multi-Conductor cable (no overall screen) suitable for Audio, Control, Instrumentation and Building Management Systems (BMS).

DESIGN

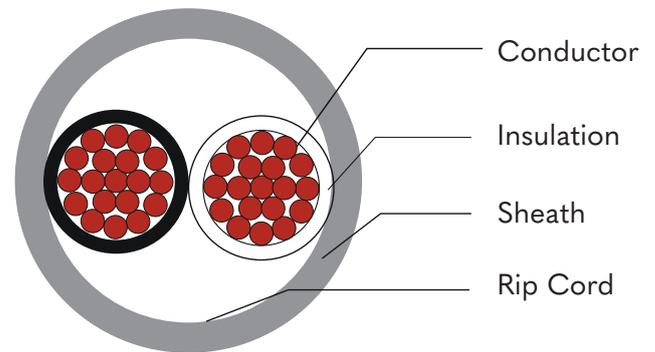| |
|---|
| Conductor: N x Bare Copper Wire, 22 AWG Flexible |
| Insulation: Polyolefin Core 1: Black, Core 2: Red, Core 3: White. Core 4: Green, Core 5: Brown, Core 6: Blue Core 7: Orange, Core 8: Yellow, Core 9: Purple Core 10: Grey, Core 11: Pink, Core 12: Tan |
| Rip Cord: Nylon Yarn |
| Drain Wire: Tinned Copper wire |
| Braid: Tinned Copper wire |
| Sheath Material: Flame-Retardant Polyvinyl Chloride (PVC), Standard colour: Grey, RAL Code: 7046 |
| Standard Put-up Length: 305 Meters |

Cross Section Drawing

- Conductor
- Insulation
- Sheath
- Rip Cord

Physical Characteristics

Part Number	VC222P	VC322P	VC422P	VC622P	VC822P
Number of Cores	2	3	4	6	8
Nom. Diameter Conductor (mm)	0.75				
Nom. Radial Thickness of Insulation (mm)	0.20				
Nom. Radial Thickness of Sheath (mm)	0.4				
Nom. Diameter of Sheath (mm)	3.3	3.5	3.8	4.5	4.9
Operating Temperature (°C)	-25 / +75				
Max. Recommended Pulling Tension (N)	80	121	187	243	324
Min. Bend Radius (install) (mm)	33	35	38	45	49
Nominal Cable Weight (kg/km)	13.4	18.2	22	32	40.3

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Electrical Characteristics

Part Number	VC222P	VC322P	VC422P	VC622P	VC822P
Number of Cores x 22AWG (7x30)	2	3	4	6	8
Max. DC Resistance Conductor (Ω/km)	57.4				
Capacitance conductor to conductor (pF/m)	40	35	35	45	45
Nominal Inductance	0.5				
Max. Recommended Current at 25°C	2.8	2.8	2.25	1.95	1.95
Max. Operating Voltage (Vrms)	300				

Reference Standards

IEC 60332-1	RoHS directives

Ordering Information

Part Number	Description
VC222P	2 Core, 22 AWG unshielded Multi Conductor Cable, PVC 305M / Roll
VC322P	3 Core, 22 AWG unshielded Multi Conductor Cable, PVC 305M / Roll
VC422P	4 Core, 22 AWG unshielded Multi Conductor Cable, PVC 305M / Roll
VC622P	6 Core, 22 AWG unshielded Multi Conductor Cable, PVC 305M / Roll
VC822P	8 Core, 22 AWG unshielded Multi Conductor Cable, PVC 305M / Roll