



APPLICATION

Multi-Conductor cables suitable for Audio, Control, Instrumentation and Building Management Systems (BMS)

DESIGN

Conductor: N x Bare Copper Wire, 22 AWG Flexible

Insulation: HFFR/LSZH

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

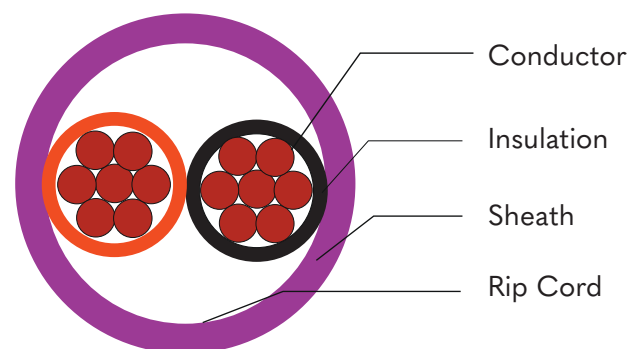
Rip Cord: Nylon Yarn

Drain Wire: Tinned Copper wire

Sheath Material: Flame-Retardant Halogen Free (HFFR/LSZH), Standard colour: Purple

Standard Put-up Length: 305 Meters

Cross Section Drawing



Physical Characteristics

Part Number	VC222P	VC322P	VC422P	VC622P	VC822P
Number of Cores x 22AWG (7 x 30)	2	3	4	6	8
Nom. Diameter Conductor (mm)	0.75				
Nom. Radial Thickness of Insulation (mm)	0.25				
Nom. Radial Thickness of Sheath (mm)	0.6				
Nom. Overall Diameter (mm)	3.9	4.1	4.4	6	8
Operating Temperature (°C)	-25 / +75				
Max. Recommended Pulling Tension (N)	50	75	100	150	200
Min. Bend Radius (install) (mm)	39	41	44	52	56
Nominal Cable Weight (kg/km)	16.5	23.2	27.9	39	48.6

Electrical Characteristics

Part Number	VC222L	VC322L	VC422L	VC622L	VC822L
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)	55	55	58	57	57
Nominal Inductance ($\mu\text{H/m}$)	0.5				
Max. Recommended Current at 25°C(amps)	2.8	2.8	2.25	1.95	1.95
Max. Operating Voltage (Vrms)	300				

Reference Standards

(BS) EN 50290-2

IEC 60228

IEC 60754-1 & 2

IEC 61034, IEC 60332-3-24 RoHS directives

Ordering Information

Part Number	Description
VC222L	2 Core, 22 AWG unshielded Multi Conductor Cable, LSZH 305M / Roll
VC322L	3 Core, 22 AWG unshielded Multi Conductor Cable, LSZH 305M / Roll
VC422L	4 Core, 22 AWG unshielded Multi Conductor Cable, LSZH 305M / Roll
VC622L	6 Core, 22 AWG unshielded Multi Conductor Cable, LSZH 305M / Roll
VC822L	8 Core, 22 AWG unshielded Multi Conductor Cable, LSZH 305M / Roll