



APPLICATION

Unshielded Multi-Conductor Cable suitable for Building Management System (BMS), Audio, Control and Instrumentation.

DESIGN

Conductor: N x Bare Copper Wire, 22 AWG Flexible

Insulation: HFFR/LSZH

Core Colors: 1: Black, 2: White, 3: Red, 4: Green,
5: Brown, 6: Blue, 7: Orange, 8: Yellow
9: Purple, 10: Grey, 11: Pink, 12: Tan

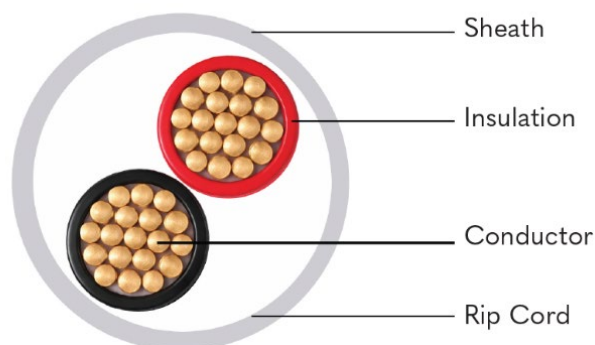
Rip Cord: Nylon Yarn

Sheath Material: Flame-Retardant Halogen Free
(HFFR/LSZH)

Standard colour: Grey, RAL Code: 7046

Standard Put-up Length: 305 Meters

Cross Section Drawing



PHYSICAL CHARACTERISTICS

Part Number	VC222L	VC322L	VC422L	VC622L	VC822L	VC1222L
No. of Cores x 22AWG (7 x 30)	2	3	4	6	8	12
Nom. Diameter Conductor	0.75					
Nom. Radial Thickness Insulation (mm)	0.25					
Nom. Radial Thickness Sheath (mm)	0.6					
Nom. Overall Diameter (mm)	3.9	4.1	4.4	5.2	5.6	6.4
Operating Temperature Range (°C)	-25 to +75					
Max. Recommended Pulling Tension (N)	50	75	100	150	200	300
Min. Bend Radius (Install) (mm)	39	41	44	52	56	64
Nominal Cable Weight (kg/km)	18.5	23.2	27.9	39	48.6	72.9

ELECTRICAL CHARACTERISTICS

Part Number	VC222L	VC322L	VC422L	VC622L	VC822L	VC1222L
No. of Cores x 22AWG (7 x 30)	2	3	4	6	8	12
Max. DC Resistance Conductor (Ω/km)	57.4					
Capacitance Conductor to Conductor (Pf/m)	55	55	58	57	57	57
Nominal Inductance (μH/ m)	0.5					
Max. Recommended Current at 25°C (Amps)	2.8		2.25	1.95	1.95	
Max. Operating Voltage (Vrms)	300					

REFERENCE & STANDARDS

(BS) EN 50290-2

RoHS Directives

IEC 60332-1

ORDERING INFORMATION

Part Number	Description
VC222L	Voltan UK 2 Core, 22 AWG Unshielded Multi Conductor Cable, LSZH 305M / Roll
VC322L	Voltan UK 3 Core, 22 AWG Unshielded Multi Conductor Cable, LSZH 305M / Roll
VC422L	Voltan UK 4 Core, 22 AWG Unshielded Multi Conductor Cable, LSZH 305M / Roll
VC622L	Voltan UK 6 Core, 22 AWG Unshielded Multi Conductor Cable, LSZH 305M / Roll
VC822L	Voltan UK 8 Core, 22 AWG Unshielded Multi Conductor Cable, LSZH 305M / Roll
VC1222L	Voltan UK 12 Core, 22 AWG Unshielded Multi Conductor Cable, LSZH 305M / Roll