



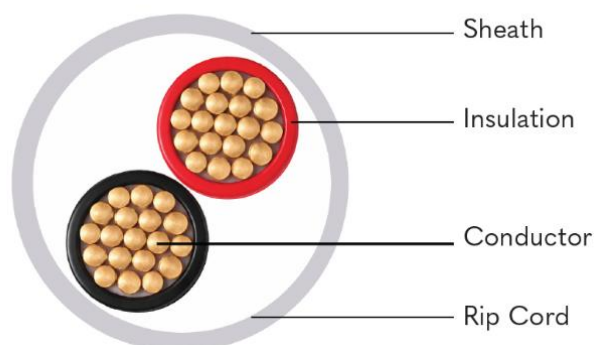
APPLICATION

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

DESIGN

Conductor: N x Bare Copper Wire, 14 AWG Flexible
Insulation: HFFR
Core Colors: 1: Black, 2: White, 3: Red, 4: Green, 5: Brown, 6: Blue, 7: Orange, 8: Yellow
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	VC214L	VC314L	VC414L	VC614L	VC814L
No. of Cores x 14 AWG (19 x 27)	2	3	4	6	8
Nom. Diameter Conductor	1.8				
Nom. Radial Thickness Insulation (mm)	0.3				
Nom. Radial Thickness Sheath (mm)	0.65				
Nom. Overall Diameter (mm)	6.1	6.6	7.2	8.5	9.2
Operating Temperature Range (°C)	-25 to +75				
Max. Recommended Pulling Tension (N)	420	635	845	1265	1685
Min. Bend Radius (Install) (mm)	61	66	72	85	92
Nominal Cable Weight (kg/km)	61.2	84.9	108.3	157.3	202.4

ELECTRICAL CHARACTERISTICS

Part Number	VC214L	VC314L	VC414L	VC614L	VC814L
No. of Cores x 14 AWG (19 x 27)	2	3	4	6	8
Max. DC Resistance Conductor (Ω/km)	9.36				
Capacitance Conductor to Conductor (Pf/m)	75	75	77	80	80
Nominal Inductance ($\mu\text{H}/\text{m}$)	0.5				
Max. Recommended Current at 25°C (Amps)	8	8	6.4	5.6	5.6
Max. Operating Voltage (Vrms)	300				

REFERENCE & STANDARDS

(BS) EN 50290-2

RoHS Directives

IEC 60332-1

ORDERING INFORMATION

Part Number	Description
VC214L	Voltan UK 2 Core, 14 AWG Unshielded Multi Conductor Cable, LSZH 305M / Roll
VC314L	Voltan UK 3 Core, 14 AWG Unshielded Multi Conductor Cable, LSZH 305M / Roll
VC414L	Voltan UK 4 Core, 14 AWG Unshielded Multi Conductor Cable, LSZH 305M / Roll
VC614L	Voltan UK 6 Core, 14 AWG Unshielded Multi Conductor Cable, LSZH 305M / Roll
VC814L	Voltan UK 8 Core, 14 AWG Unshielded Multi Conductor Cable, LSZH 305M / Roll