



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: Polyolefin

Core Colors: 1: Black, 2: White, 3: Red, 4: Green,
5: Brown, 6: Blue, 7: Orange, 8: Yellow

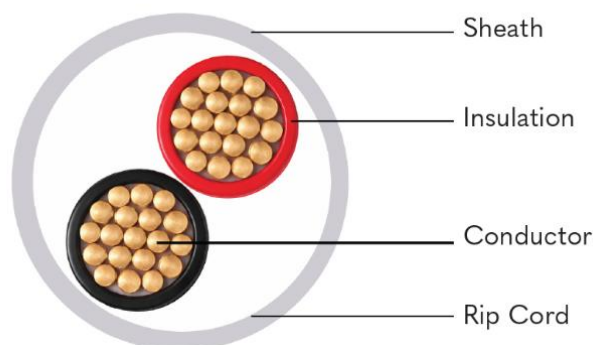
Rip Cord: Nylon Yarn

Sheath Material: Flame-Retardant Polyvinyl Chloride (PVC)

Standard colour: Grey, RAL Code: 7046

Standard Put-up Length: 305 Meters

Cross Section Drawing



PHYSICAL CHARACTERISTICS

Part Number	VC214P	VC314P	VC414P	VC614P	VC814P
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)	0.4				
Nom. Overall Diameter (mm)	5.6	6.0	6.6	8.0	8.7
Operating Temperature Range (°C)	-25 to +75				
Max. Recommended Pulling Tension (N)	420	635	845	1265	1685
Min. Bend Radius (Install) (mm)	58	64	68	84	87
Nominal Cable Weight (kg/km)	43	64	84	126	168

ELECTRICAL CHARACTERISTICS

Part Number	VC214P	VC314P	VC414P	VC614P	VC814P
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)	51	55	55	50	50
Nominal inductance ($\mu\text{H}/\text{m}$)	0.5				
Max. Recommended current at 25°C (Amps)	8	6.4	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
VC214P	Voltan UK 2 Core, 14 AWG Unshielded Multi Conductor Cable, PVC 305M / Roll
VC314P	Voltan UK 3 Core, 14 AWG Unshielded Multi Conductor Cable, PVC 305M / Roll
VC414P	Voltan UK 4 Core, 14 AWG Unshielded Multi Conductor Cable, PVC 305M / Roll
VC614P	Voltan UK 6 Core, 14 AWG Unshielded Multi Conductor Cable, PVC 305M / Roll
VC814P	Voltan UK 8 Core, 14 AWG Unshielded Multi Conductor Cable, PVC 305M / Roll