



APPLICATION

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

DESIGN

Conductor: N x Bare Copper Wire, 14 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 (Black Color with white number identification for cores more than 12)

Drain Wire: Tinned Copper Wire

Screen: Aluminium/Polyester 100% Coverage

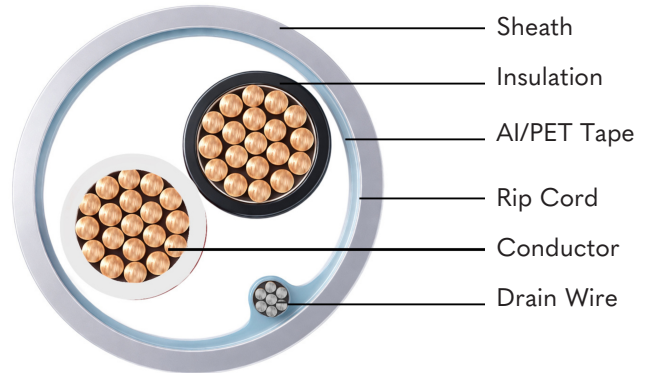
Rip Cord: Nylon Yarn

Sheath: Flame-Retardant Polyvinyl Chloride (PVC)

Standard colour: Grey, RAL Code: 7046

Standard Put-up Length: 305 Meters

Cross Section Drawing



Physical Characteristics

Part Number	VSC214P	VSC314P	VSC414P	VSC614P	VSC814P
No of Cores x 14 AWG (19 x 27)	2	3	4	6	8
Nom. Diameter Conductor (mm)	1.8				
Nom. Radial Thickness Insulation (mm)	0.3				
Nom. Radial Thickness Sheath (mm)	0.4				
Nom. Drain Wire Diameter (mm)	24 AWG (7 *0.32)				
Nom. Overall Diameter (mm)	6.0	6.5	6.9	8.6	9.8
Operating Temperature (°C)	-25 / +75				
Max. Recommended Pulling Tension (N)	420	635	845	1265	1685
Min. Bend Radius (Install) (mm)	60	65	70	86	98
Nominal Cable Weight (kg/km)	57	79.9	102.5	151	197.3

Electrical Characteristics

Part Number	VSC214P	VSC314P	VSC414P	VSC614P	VSC814P
No. of Cores x 14 AWG (19 x 27)	2	3	4	6	8
Nom. Diameter Conductor (mm)	9.36				
Nom. Radial Thickness Insulation (mm) Sheath (mm)	78.5				
Nom. Radial thickness Sheath (mm)	105	100	98	96	95
Nom. Overall Diameter (mm)					
Max. Recommended Pulling Tension (N)	190	190	178	175	170
Min. Bend Radius (install) (mm)	8	8	6.4	5.6	5.6
Nominal Cable Weight (kg/km)			300		

Reference & Standards

(BS) EN 50290-2

RoHS directives

IEC 60332-1

Ordering Information

Part Number	Description
VSC214P	2 Core, 14 AWG Shielded Multi Conductor Cable, PVC 305M / Roll
VSC314P	3 Core, 14 AWG Shielded Multi Conductor Cable, PVC 305M / Roll
VSC414P	4 Core, 14 AWG Shielded Multi Conductor Cable, PVC 305M / Roll
VSC614P	6 Core, 14 AWG Shielded Multi Conductor Cable, PVC 305M / Roll
VSC814P	8 Core, 14 AWG Shielded Multi Conductor Cable, PVC 305M / Roll