



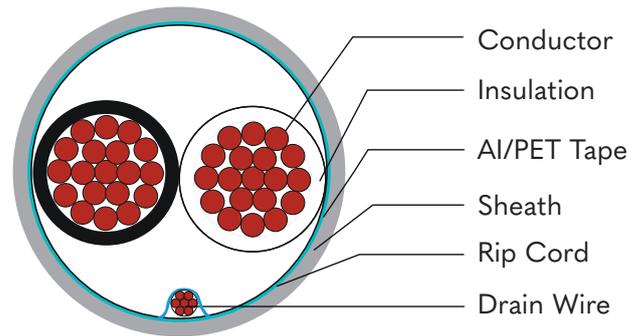
APPLICATION

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

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: 24 AWG (7 x 32), Tinned Copper
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	0.4	0.4	0.4	0.4
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

IEC 60332-1

IEC 60228

RoHS directives

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