



## APPLICATION

Multi-Conductor cable (no overall screen) suitable for Audio, Control, Instrumentation and Building Management Systems (BMS).

## DESIGN

Conductor: N x Bare Copper Wire, 24 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

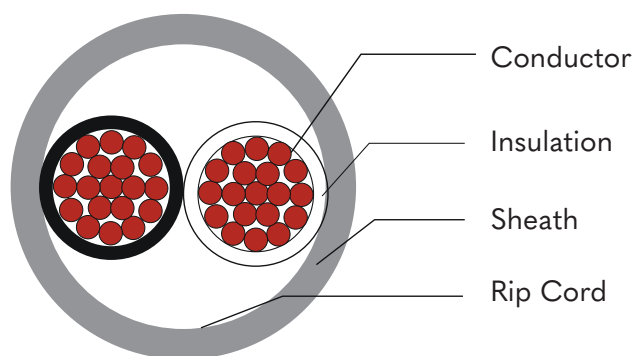
Braid: Tinned Copper wire

Rip Cord: Nylon Yarn

Sheath Material: Flame-Retardant Polyvinyl Chloride (PVC), Standard colour: Grey

Standard Put-up Length: 305 Meters

## Cross Section Drawing



## Physical Characteristics

Part Number	VC224P	VC424P	VC624P	VC824P
Number of Cores x 24 AWG	2	4	6	8
Conductor Size (AWG)	24			
Nom. Radial Thickness Insulation (mm)	0.3			
Nom. Radial Thickness Sheath(mm)	0.6			
Nom. Overall Diameter (mm)	4.0	4.6	5.3	5.6
Max. Recommended Pulling Tension (N)	50	100	150	200
Min. Bend Radius (install) (mm)	40	46	53	60
Operating Temperature (C°)	-25 / +75			

## Electrical Characteristics

Part Number	VC224P	VC424P	VC624P	VC824P
Number of Cores x 24AWG	2	4	6	8
Max. DC Resistance Conductor ( $\Omega/\text{km}$ )	82			82.5
Max. DC Resistance Screen ( $\Omega/\text{km}$ )	59			
Capacitance conductor to conductor (pF/m)	108.2			
Capacitance conductor to rest (pF/m)	200		185	
Nominal Inductance ( $\mu\text{H}/\text{m}$ )	0.5			
Max. Recom. Current @ 25°C (Amps)	1.75			
Max. Operating Voltage (Vrms)	300			

## Reference Standards

(BS) EN 50290-2

IEC 60228

IEC 60754-1 & 2

IEC 61034, IEC 60332-3-24 RoHS directives

## Ordering Information

Part Number	Description
VC224P	2 Core, 24 AWG unshielded Multi Conductor Cable, LSZH 305M / Roll
VC424P	4 Core, 24 AWG unshielded Multi Conductor Cable, LSZH 305M / Roll
VC624P	6 Core, 24 AWG unshielded Multi Conductor Cable, LSZH 305M / Roll
VC824P	8 Core, 24 AWG unshielded Multi Conductor Cable, LSZH 305M / Roll