



## APPLICATION

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

## 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

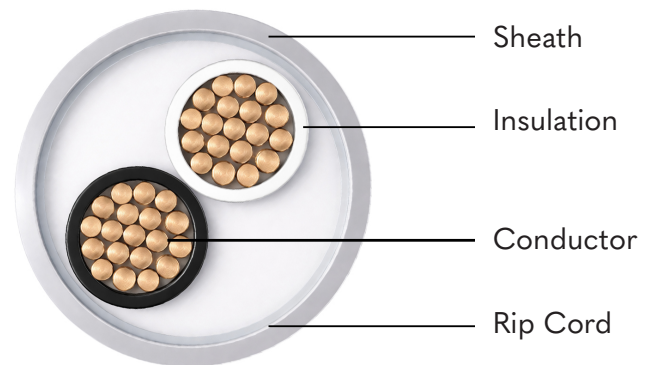
Core 7: Orange, Core 8: Yellow

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	VC224L	VC424L	VC624L	VC824L
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	VC224L	VC424L	VC624L	VC824L
Number of Cores x 24AWG	2	4	6	8
Max. DC Resistance Conductor ( $\Omega$ /km)	82			82.5
Max. DC Resistance Screen ( $\Omega$ /km)	59			
Capacitance conductor to conductor (pF/m)	108.2			
Capacitance conductor to rest (pF/m)	200		185	
Nominal Inductance ( $\mu$ H/m)	0.5			
Max. Recom. Current @ 25°C (Amps)	1.75			
Max. Operating Voltage (Vrms)	300			

## Reference & Standards

(BS) EN 50290-2

RoHS directives

IEC 60332-1

## Ordering Information

Part Number	Description
VC224L	2 Core, 24 AWG unshielded Multi Conductor Cable, LSZH 305M / Roll
VC424L	4 Core, 24 AWG unshielded Multi Conductor Cable, LSZH 305M / Roll
VC624L	6 Core, 24 AWG unshielded Multi Conductor Cable, LSZH 305M / Roll
VC824L	8 Core, 24 AWG unshielded Multi Conductor Cable, LSZH 305M / Roll