

# Wiring Cable, 5C, 1.50mm<sup>2</sup> Unscreened & LSZH-HFFR Sheath

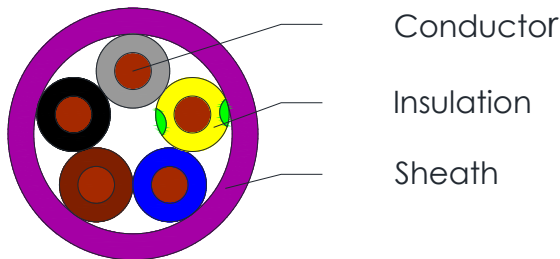


C5614

## Applications

Low Smoke Zero Halogen cable designed for lighting applications.

## Cross Section Drawing



## Design

Unit	Properties
Conductor	Solid Bare Copper wire
Insulation	Polyethylene Core 1: Blue, Core 2: Brown, Core 3: Black Core 4: Grey, Core 5: Yellow/Green
Cabling	5 cores twisted together
Sheath	Halogen Free Fire Retardancy (LSZH-HFFR) Standard colour: Purple or White
Standard Put Up Length	305 meters

\*Other Colors, Put Up Lengths and structures can be manufactured upon request, please contact your local B3 International sales representative.

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**C5614**

## Physical Characteristics

Part Number	C5614
No of Cores	5
Conductor Size(mm <sup>2</sup> )	1.50
Nom. Insulation Diameter (mm)	2.80
Nom. Overall Diameter(mm)	10.50
Operating Temperature (°C)	-25 to +70
Min. Bend Radius (install)(mm)	105
Nominal Cable Weight (kg/km)	175

## Electrical Characteristics at 20°C

Part Number	C5614
No of Cores	5
Nom. DC Resistance Conductor ( $\Omega$ /km)	12.1
Max. Operating Voltage U0/U (Vrms)	300/500
Test Voltage (KV)	3.5

## Reference Standards

(BS) EN 50290-2	VDE 0293(HD 308)
IEC 60228	VDE 0482-266-2-4/IEC 60332-3-24
DIN EN 61034/IEC 61034	DIN EN 50267/IEC 60754
RoHS directives	