

# 300 Volt Power Limited Tray Cable, 16AWG Screened & PVC sheath

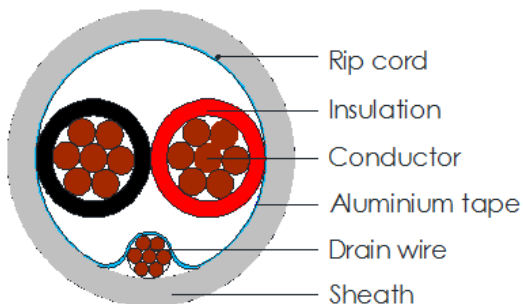


C1223

## Applications

Screened cable  
Suitable for Audio, Control and Instrumentation

## Structural Drawing



## Design

Unit	Properties
Conductor	2x Bare Copper wire, 16AWG flexible (7x 24), twisted as a pair
Insulation	PVC Core 1: Black Core 2: Red
Drain wire	Tinned Copper wire, 24AWG flexible
Screen	Aluminum/Polyester Foil 100% coverage
Sheath Material	Polyvinyl Chloride (PVC) Standard colour: black
Standard Put Up Length	305 or 500 metres

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

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## Cable Characteristics

No Pairs	Diameter Conductor (mm)	Radial thickness Insulation (mm)	Nominal Diameter Insulation (mm)	Radial thickness Sheath (mm)	Nom. Overall Diameter (mm)
1	1.5	0.5	2.6	0.5	6.5

Maximum Conductor Resistance (Ohm/km)	Capacitance cond to cond (pF/m)	Capacitance Cond to rest (pF/m)	Max. Current at 25°C (Amps)	Min. Insulation Resistance (MOhm*km)	Operating Voltage (Vrms)
15.47	200	350	11	200	300

Weight (kg/km)	Max. Pulling Tension (Newton)	Min. Installed Bend Radius (mm)	Operating Temperature Range
69.5	380	65	-30°C to +105°C

## Reference Standards

(BS) EN 50290-2
IEC 60332-1
UL 2464
RoHS directives