

# Instrumentation Cable – 2pr, 16AWG, Unscreened Tray Cable, 600V, PVC Sheath

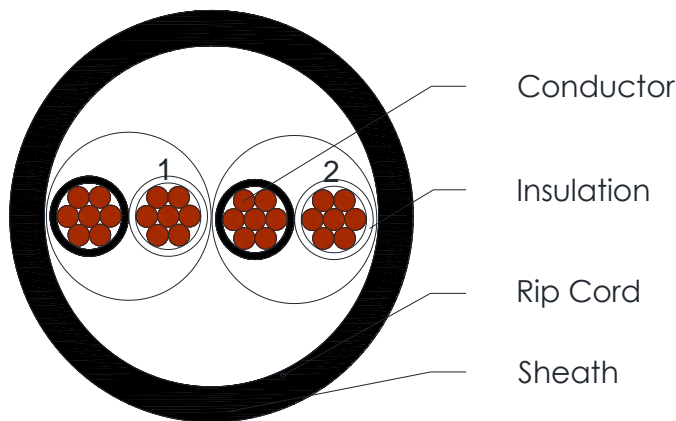


## C7041

### Applications

Tray cable (TC) is designed for installation indoors or outdoors, aerially, in conduits, ducts and cable trays in circuits not exceeding 600 volts. Tray Cable is often used in industrial control systems, distribution systems, interconnection of protective and signaling devices and for general use in manufacturing.

### Cross Section Drawing



### Design

Unit	Properties
Conductor	Flexible Bare Copper wire
Insulation	Polyvinyl Chloride/Nylon Colours for pairs: Black & White with Numbers
Rip cord	Nylon yarn
Sheath Material	UV Resistant Polyvinyl Chloride (PVC) Standard Colour: Black
Standard Put Up Length	305 metres

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

# Instrumentation Cable – 2pr, 16AWG, Unscreened Tray Cable, 600V, PVC Sheath



## C7041

### Physical Characteristics

Part Number	C7041
No of pairs	2
Nom. Conductor Configuration (AWG)	16(7x24)
Nom. Radial Thickness Sheath (mm)	1.2
Nom. Overall Diameter (mm)	13.5
Operating Temperature (°C)	-30 / +90
Max. Recommend. Pulling Tension (N)	990
Min. Bend Radius (install) (mm)	135
Nominal Cable Weight (kg/km)	156

### Electrical Characteristics at 20°C

Part Number	C7041
No of pairs	2
Nom. DC Resistance Conductor ( $\Omega$ /km)	12.1
Max. Operating Voltage (Vrms)	600

### Reference Standards

IEC 60332-1
IEC 60228
BS/EN 50290
RoHS directives