

# Instrumentation Cable – 2 to 8C, 16AWG, Unscreened Tray Cable, 600V, LSZH/HFFR Sheath

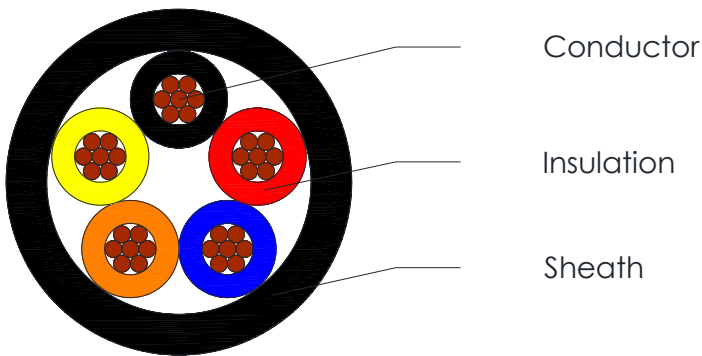


**C5773, C5774, C5775, C5776, C5777, C5778**

## 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 cores: 1. Black 2. Red 3. Blue 4. Orange 5. Yellow 6. Brown 7. Red/Black 8. Blue/Black
Sheath Material	UV Resistant Flame-Retardant Halogen Free (HFFR/LSZH) 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.

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**C5773, C5774, C5775, C5776, C5777, C5778**

## Physical Characteristics

Part Number	C5773	C5774	C5775	C5776	C5777	C5778
No of cores	2	3	4	5	6	8
Nom. Conductor Configuration (AWG)	16(7x24)					
Nom. Radial Thickness Sheath (mm)	1.2	1.2	1.2	1.2	1.2	1.2
Nom. Overall Diameter (mm)	7.6	8.0	8.6	9.3	10.1	10.9
Operating Temperature (°C)	-30 / +90					
Max. Recommend. Pulling Tension (N)	310	466	623	778	934	1244
Min. Bend Radius (install) (mm)	76	80	86	93	101	109
Nominal Cable Weight (kg/km)	67	82	103	123	143	181

## Electrical Characteristics at 20°C

Part Number	C5773	C5774	C5775	C5776	C5777	C5778
No of cores	2	3	4	5	6	8
Max. DC Resistance Conductor (Ω/km)	15.47					
Max. Recommended Current at 25°C (Amps)	8.0	7.0	7.0	6.4	8.0	8.0
Max. Operating Voltage (Vrms)	600					

## Reference Standards

(BS) EN 50290-2
IEC 60228
IEC 60754-1 & 2
IEC 61034, IEC 60332-3-24
RoHS directives