

Microphone Star Quad Cable

PE Insulated, Shielded, PVC Sheath

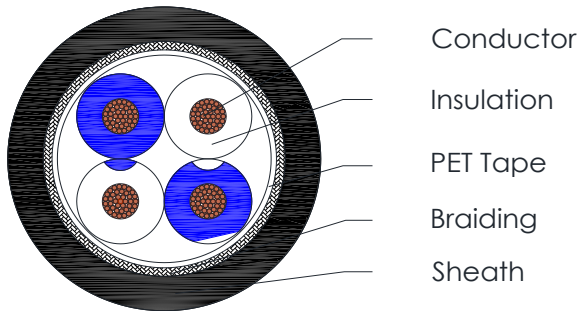


C14016

Applications

The premier Star Quad cable for all handheld microphone applications. Flexible, satin smooth to the touch and extra strong, this standard diameter, 21 AWG cable fits perfectly in all XLR-type audio connectors. Forty separate strands in each conductor eliminate breakage due to flexing. Available in 10 beautiful matte finish color jackets.

Cross Section Drawing



Design

Unit	Properties
Conductor	Flexible Bare Copper wire
Insulation	Polyethylene (PE) Core 1, BLUE Core 2, WHITE Core 3, BLUE/White Core 4, WHITE/Blue
Lay Up	4 cores stranded to a star quad
Wrapping	PET Tape
Braiding	Tinned Copper Wire
Sheath Material	Polyvinyl Chloride (PVC), Color: Black, Blue, Brown, Gray, Green, Orange, Purple, Red, White, Yellow
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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Physical Characteristics

Part Number	C14016
No. of Cores	4
Conductor Size (AWG)	24
Conductor Configuration (AWG)	7/32
Nom. Radial Thickness Insulation (mm)	0.4
Nom. Insulation Diameter (mm)	1.10
Min. Braiding Coverage (%)	92
Nom. Radial Thickness Sheath (mm)	1.1
Nom. Overall Diameter (mm)	5.4
Operating Temperature (°C)	-30 to +75
Min. Bend Radius (install) (mm)	62
Max. Pulling Tension (N)	95
Nominal Cable Weight (kg/km)	49

Electrical Characteristics

Part Number	C14016
Nom. Impedance (Ω)	40
Max. DC Resistance Conductor ($\Omega/100m$)	9.8
Nom. Capacitance between cores to cores (Pf/m)	129
Nom. Velocity of Propagation (%)	66
Max. Current (Amps)@25°C	2.9
Voltage Rating (V)	100

Reference Standards

EN 50290-2
IEC 60228
IEC 60332-1
RoHS Directives