

Microphone Star Quad Cable

XLPE Insulated, Screened and Shielded, PVC Sheath

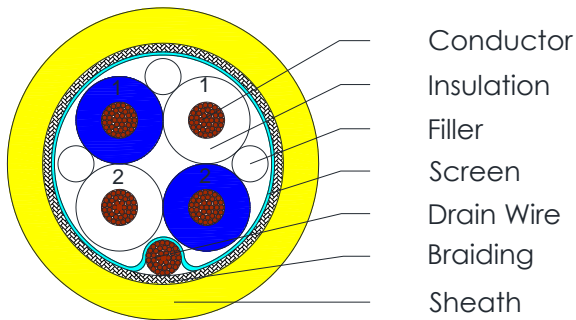


C4402

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	Cross Linked Polyethylene (XLPE) Core 1, Blue Core 2, White Core 3, Blue Core 4, White Serial number are printed to identify the cores.
Lay Up	4 cores stranded to a star quad
Filler	cotton
Screen	Aluminum/Polyester 100% Coverage
Drain Wire	Tinned Copper Wire
Braiding	Tinned Copper Wire
Sheath Material	matte 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	C4402
No. of Cores	4
Conductor Size (AWG)	24
Conductor Configuration (mm)	40/0.08
Nom. Radial Thickness Insulation (mm)	0.4
Min. Screen Coverage (%)	115
Drain Wire Size (mm)	40/0.08
Min. Braiding Coverage (%)	95
Nom. Radial Thickness Sheath (mm)	1.12
Nom. Overall Diameter (mm)	6.0
Operating Temperature (°C)	-49 to +60
Min. Bend Radius (install) (mm)	60
Nominal Cable Weight (kg/km)	52.0

Electrical Characteristics

Part Number	C4402
Nom. Impedance (Ω)	44
Max. DC Resistance Conductor ($\Omega/100m$)	9.8
Max. DC Resistance Shield ($\Omega/100m$)	3.0
Nom. Capacitance between cores to cores (Pf/m)	150
Nom. Capacitance between cores to shield (Pf/m)	185
Nom. Attenuation at 1KHz (dB/100m)	0.3
Group Delay Time (nS/m)	5.9
Dielectric Strength for 1min. (Vac)	500
Min. Insulation Resistance ($M\Omega \cdot KM$)	1000

Reference Standards

EN 50290-2
IEC 60228
RoHS Directives