


Product: [1804A](#) 



REPRESENTATIVE IMAGE

Microphone Cable, Star Quad, 4 C #28 Str Silvered Copper Alloy, 80% TC Braid, PVC Jkt

Product Description

Microphone Cable, Star Quad, 4 Conductor 28 AWG (19 x 40) High Conductivity Silvered Copper Alloy, PP insulation, 80% Tinned Copper Braid Shield, PVC jacket

Technical Specifications

Product Overview

Suitable Applications:	Microphone, Low Noise for high-EMI environments; Line level balanced analog audio
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Construction Details

Conductor

Element	Number of Element	Size	Stranding	Material
Conductor(s)	4	28 AWG	19x40	SCA - Silvered Copper Alloy (High Conductivity)

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PP - Polypropylene	0.008 in (0.20 mm)	0.03 in (0.76 mm)	Blue, White, Blue/White Stripe, White/Blue Stripe

Outer Shield

Shield Type	Material	Coverage
Braid	Tinned Copper (TC)	80%

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.014 in (0.36 mm)	0.115 in (2.92 mm)

Overall Cable Diameter (Nominal):	0.115 in (2.92 mm)
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Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Nom. Characteristic Impedance	Nom. Velocity of Prop.	Max. Current
Conductor(s)	65 Ohm/1000ft (210 Ohm/km)	40 pF/ft (130 pF/m)	60 pF/ft (200 pF/m)	40 Ohm	66%	1.45 Amps per conductor @ 25°C

Voltage

Voltage Rating
(100 V)

Mechanical Characteristics

Temperature

Operating
-30°C to +60°C

Bend Radius

Stationary Min.	Installation Min.
1.2 in (30 mm)	1.2 in (30 mm)

Max. Pull Tension:	24 lbs
Bulk Cable Weight:	9 lbs/1000ft (13 kg/km)

Standards and Compliance

Environmental Suitability:	Indoor (Not Riser or Plenum), Indoor
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Product Notes

Notes:	Quad connection scheme: The two blue wires (or wires directly opposite one another) are connected together to form one conductor, and similarly the two white wires (or remaining wires) are connected together to form the second conductor.
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History

Update and Revision:	Revision Number: 0.345 Revision Date: 12-15-2021
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Variants

Item #	Color	Putup Type	Length	UPC
1804A U4F500	Beige U4F	Reel	500 ft	612825123163
1804A J5C100	Black, Vivid Matte	Reel	100 ft	612825123149
1804A J5C500	Black, Vivid Matte	Reel	500 ft	612825123156
1804A G8M500	Matte Yellow	Reel	500 ft	612825123132

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