BELDEN

Product: [1804A] ⧉

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

REPRESENTATIVE IMAGE

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

Construction Details

Conductor

Element	No. of Elements	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)

Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Nom. Characteristic Impedence	Nom. Velocity of Prop.	Max. Current
Conductor(s)	65 Ohm/1000ft	40 pF/ft (130 pF/m)	60 pF/ft (200 pF/m)	40 Ohm	66%	1.6 Amps per conductor @ 30°C

Voltage

Voltage Rating
100 V

Mechanical Characteristics

Temperature

UL Temperature	Operating
60°C	-30°C to +60°C

Bend Radius

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

Max. Pull Tension:	9.2 lbs (4.2 kg)
Bulk Cable Weight:	9 lbs/1000ft

Standards and Compliance

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

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.

History

Update and Revision:	Revision Number: 0.490 Revision Date: 01-20-2023

Part Numbers

Variants

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