



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	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)
-----------------------------------	--------------------

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
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

© 2023 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.