



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

Insulation

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

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 (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
Nom. Outer Shield DCR:	15 Ohm/1000ft					

Voltage

Non-UL 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 (11 kg)
Bulk Cable Weight:	9 lbs/1000ft (13 kg/km)

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: 0.339 Revision Date: 06-08-2021
----------------------	--

© 2021 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.