Product: 1804A



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

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 [in.]	Color Code
Conductor(s)	PP - Polypropylene	0.008	Blue, White, Blue/White Stripe, White/Blue Stripe

Outer Shield Material

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

Outer Jacket Material

Material	Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.014 in	0.115 in

Cable Diameter (Nominal):	0.115 in

Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Characteristic Impedence	Nom. Velocity of Prop.	Max. Current
Conductor(s)	65 Ohm/1000ft	40 pF/ft	60 pF/ft	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.
1.25 in	1.2 in

Max. Pull Tension:	24 lbs
Bulk Cable Weight:	9 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor (Not Riser or Plenum), Indoor
European Directive Compliance:	EU CE Mark

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: 0.317 Revision Date: 07-31-2020

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