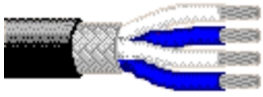


Part Number: 1804A

Microphone Cable, #28-4c, TC, O/A Braid, CM



Product Description

28 AWG stranded (19x40) high-conductivity silver-plated copper alloy conductors, polypropylene insulation, tinned copper braid shield (80% coverage), PVC jacket.

Technical Specifications

Product Overview

Environmental Space:	Indoor (Not Riser or Plenum)
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Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	Nominal Diameter	No. of Conductors
28	19x40	High Conductivity SPCA - Silver Plated Copper Alloy	0.015 in	4

Conductor Count:	4
Conductor Size:	28 AWG

Insulation

Material	Nominal Diameter	Nominal Wall Thickness
PP - Polypropylene	0.03 in	0.008 in

Color Chart

Number	Color
1	Blue
2	White
3	Blue w/White Stripe
4	White w/Blue Stripe

Outer Shield Material

Type	Material	Coverage [%]
Braid	TC - Tinned Copper	80 %

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.115 in	0.014 in
	0.115 in	

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR	Nominal Conductor DCR	Conductor Resistance	Nominal Outer Shield DCR
65 Ohm/1000ft	65 Ohm/1000ft		15 Ohm/1000ft

Capacitance

Nom. Capacitance Between Conductors in Quad	Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
60 pF/ft	40 pF/ft	60 pF/ft
Shielding:	Multiple or Specialty	

Inductance

Nominal Inductance

0.21 µH/ft

Impedance**Nominal Characteristic Impedance**

40 Ohm

Delay**Nominal Velocity of Propagation (VP) [%]**

66 %

Current**Max. Recommended Current [A]**

1.45 Amps per conductor @ 25°C

Voltage**UL Voltage Rating**

100 V RMS

Electrical Characteristics Notes: 2/c 25 AWG equivalent DCR when connected to a 3-pin XLR.

Temperature Range

Non-UL Temp Rating: 60°C

Operating Temp Range: -30°C To +60°C

Mechanical Characteristics

Bulk Cable Weight: 9 lbs/1000ft

Max Recommended Pulling Tension: 24 lbs

Min Bend Radius/Minor Axis: 1.25 in

Applicable Environmental and Other Programs

EU Directive Compliance: No

EU CE Mark: Yes

Suitability

Suitability - Indoor: Yes

Flammability, LSOH, Toxicity Testing

UL voltage rating: 100 V RMS

Plenum/Non-Plenum

Plenum (Y/N): No

Part Number**Variants**

Item #	Color	Footnote
1804A U4F500	Beige U4F	F
1804A J5C100	Black, Vivid Matte	
1804A J5C500	Black, Vivid Matte	F
1804A G8M500	Matte Yellow	F
1804A G8M500	Matte Yellow	F

Footnote: F - MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 50'.

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