



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

Construction and Dimensions

Conductor:

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

Insulation:

Material	Nominal Diameter
PP - Polypropylene	0.03 in

Color Chart 1:

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

Outershield 1:

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

Outerjacket 1:

Material	Nominal Diameter
PVC - Polyvinyl Chloride	0.115 in

Electrical Characteristics

Conductor DCR:

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

Capacitance:

Nom. Capacitance Between Conductors in Quad	Nom. Capacitance Conductor to Conductor
60 pF/ft	40 pF/ft

Other Electrical Characteristic 1:	2/c 25 AWG equivalent DCR when connected to a 3-pin XLR
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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

Inductance:

Nominal Inductance
0.21 μ H/ft

Voltage:

UL Voltage Rating
100V RMS V

Use

Max Recommended Pulling Tension:	24 lbs
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Temperature Range

Non-UL Temp Rating:	60°C °C
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Operating Temp Range:	-30°C To +60°C °C
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Mechanical Characteristics

Min Bend Radius/Minor Axis:	1.25 in
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Part Number

Plenum (Y/N):	No
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Standards

EU CE Mark:	Yes
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History

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.
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Product Variants

Part Number	Color	Put-Up Type	Length
1804A			
1804A	MATTE YELLOW	Reel	152 m
1804A			
1804A	BLACK, VIVID MATTE	Reel	100 ft
1804A	MATTE VIVID BLACK	Reel	30 m
1804A J5C100	BLACK, VIVID MATTE	Reel	100 ft
1804A	BLACK, VIVID MATTE	Reel	500 ft
1804A	MATTE VIVID BLACK	Reel	152 m
1804A J5C500	BLACK, VIVID MATTE	Reel	500 ft
1804A	BEIGE U4F	Reel	500 ft
1804A	BEIGE U4F	Reel	152 m
1804A U4F500	BEIGE U4F	Reel	500 ft
1804A			

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