

1804A Non-Paired - Microphone and Musical Instrument Cable

Metric Version



For more information please
call

1-800-Belden1

See Put-ups and Colors

Description:

28 AWG stranded (19x40) high-conductivity silver plated copper alloy conductors, polypropylene insulation, tinned copper braid shield (78% coverage), PVC jacket.

PHYSICAL CHARACTERISTICS:

CONDUCTOR:

Number of Conductors	4
Total Number of Conductors	4
AWG	28
Stranding	19x40
Conductor Diameter	0.381 mm
Conductor Material	High Conductivity SPCA - Silver Plated Copper Alloy

INSULATION:

Insulation Material	PP - Polypropylene
Nom. Insulation Wall Thickness	0.152 mm
Insulation Diameter	0.762 mm

OVERALL CABLING:

Overall Cabling Color Code Chart :

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

OUTER SHIELD:

Outer Shield Type	Braid
Outer Shield Material	TC - Tinned Copper
Outer Shield % Coverage	78 %

OUTER JACKET:

Outer Jacket Material	PVC - Polyvinyl Chloride
Outer Jacket Nominal Wall Thickness	0.356 mm

OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter	2.921 mm
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MECHANICAL CHARACTERISTICS:

Operating Temperature Range	-30°C To +60°C
Non-UL Temperature Rating	60°C
Bulk Cable Weight	12.65 Kg/Km
Max. Recommended Pulling Tension	106.757 N
Min. Bend Radius (Install)	1.27 cm

APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

PLENUM/NON-PLENUM:

Plenum (Y/N)	N
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ELECTRICAL CHARACTERISTICS:

Nom. Characteristic Impedance	40 Ohms
Nom. Inductance	0.689 µH/m
Nom. Capacitance Conductor to Conductor @ 1 KHz	131.24 pF/m
Nom. Cap. Between Cond. in a Quad Config. @ 1 KHz	196.86 pF/m
Nominal Velocity of Propagation	66 %
Nom. Conductor DC Resistance @ 20 Deg. C	213.265 Ohms/km
Nominal Outer Shield DC Resistance @ 20 Deg. C	49.215 Ohms/km
Max. Operating Voltage - UL	100 V RMS
Max. Recommended Current	1.45 Amps per conductor @ 25°C
Other Electrical Characteristic 1	2/c 25 AWG equivalent DCR when connected to a 3-pin XLR.

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.
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PUT-UPS AND COLORS:

Item	Description	Put-Up (M)	Ship Weight (kgs.)	Jacket Color	Notes
1804A G7V500	4 #28 STR PP SHLD PVC	152.4	2.27	RED, MATTE	F
1804A G7X500	4 #28 STR PP SHLD PVC	152.4	2.27	BLUE, MATTE	F
1804A G8M500	4 #28 STR PP SHLD PVC	152.4	2.27	YELLOW, MATTE	F
1804A J5C100	4 #28 STR PP SHLD PVC	30.48	0.772	BLACK, VIVID MATTE	
1804A J5C500	4 #28 STR PP SHLD PVC	152.4	2.27	BLACK, VIVID MATTE	F
1804A U4F500	4 #28 STR PP SHLD PVC	152.4	2.27	BEIGE U4F	F

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

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