

1804A Non-Paired - Microphone and Musical Instrument Cable



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	.015 in.
Conductor Material	High Conductivity SPCA - Silver Plated Copper Alloy

INSULATION:

Insulation Material	PP - Polypropylene
Nom. Insulation Wall Thickness	.006 in.
Insulation Diameter	.030 in.

OVERALL CABLING:

Overall Cabling Color Code Chart :

Number	Color
1	Blue
2	White
3	Blue with a White Stripe
4	White with a 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	.014 in.

OVERALL NOMINAL DIAMETER:

1804A Non-Paired - Microphone and Musical Instrument Cable

Overall Nominal Diameter	.115 in.
--------------------------	----------

MECHANICAL CHARACTERISTICS:

Operating Temperature Range	-30°C To +60°C
Non-UL Temperature Rating	60°C
Bulk Cable Weight	8.5 lbs/1000 ft.
Max. Recommended Pulling Tension	24 lbs.
Min. Bend Radius (Install)	0.5 in.

APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

PLENUM/NON-PLENUM:

Plenum (Y/N)	N
--------------	---

ELECTRICAL CHARACTERISTICS:

Nom. Characteristic Impedance	40 Ohms
Nom. Inductance	.21 μ H/ft
Nom. Capacitance Conductor to Conductor @ 1 KHz	40 pF/ft
Nom. Cap. Between Cond. in a Quad Config. @ 1 KHz	60 pF/ft
Nominal Velocity of Propagation	66 %
Nom. Conductor DC Resistance @ 20 Deg. C	65 Ohms/1000 ft
Nominal Outer Shield DC Resistance @ 20 Deg. C	15 Ohms/1000 ft
Max. Operating Voltage - UL	100 V RMS
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.
-------	---

PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
1804A G7V500	4 #28 STR PP SHLD PVC	500	5	RED, MATTE	F
1804A G7X500	4 #28 STR PP SHLD PVC	500	5	BLUE, MATTE	F
1804A G8M500	4 #28 STR PP SHLD PVC	500	5	YELLOW, MATTE	F
1804A J5C100	4 #28 STR PP SHLD PVC	100	1.7	BLACK, VIVID MATTE	
1804A J5C500	4 #28 STR PP SHLD PVC	500	5	BLACK, VIVID MATTE	F
1804A U4F500	4 #28 STR PP SHLD PVC	500	5	BEIGE U4F	F

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



1804A Non-Paired - Microphone and Musical Instrument Cable

© 2003 Belden Wire & Cable Company
All Rights Reserved.

Although Belden Electronics Division ("Belden") makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described herein 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 "AS IS" 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.