

8412 Non-Paired - Microphone and Musical Instrument Cable

	<p>For more information please call 1-800-Belden1</p> <p><u>See Put-ups and Colors</u></p>
---	---

Description:

20 AWG stranded (26x34) high-conductivity tinned copper conductors, rubber insulation, cotton wrap, conductors cabled, rayon braid, tinned copper braid shield (85% coverage), cotton wrap, EPDM jacket.

PHYSICAL CHARACTERISTICS:

CONDUCTOR:

Number of Conductors	2
Total Number of Conductors	2
AWG	20
Stranding	26x34
Conductor Material	High Conductivity TC - Tinned Copper

INSULATION:

Insulation Material	EPDM - Ethylene Propylene Diene Monomer Rubber
Nom. Insulation Wall Thickness	0.584 mm
Insulation Diameter	2.108 mm

INNER SHIELD:

Inner Shield Separator Material	Cotton Wrap
---------------------------------	-------------

OVERALL CABLING:

Overall Cabling Color Code Chart :

Number	Color
1	White
2	Black

OUTER SHIELD:

Outer Shield Type	Braid/Braid
-------------------	-------------

Outer Shield Material :

Layer Number	Material Trade Name	Type	Material	% Coverage (%)
1		Braid	Rayon	
2		Braid	TC - Tinned Copper	85

Outer Shield %Coverage	85 %
------------------------	------

OUTER SHIELD SEPARATOR :

Outer Shield Separator Material	Cotton Wrap
---------------------------------	-------------

OUTER JACKET:

8412 Non-Paired - Microphone and Musical Instrument Cable

Outer Jacket Material	EPDM - Ethylene Propylene Diene Monomer Rubber
Outer Jacket Nominal Wall Thickness	0.889 mm

OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter	6.655 mm
--------------------------	----------

MECHANICAL CHARACTERISTICS:

Operating Temperature Range	-50°C To +90°C
Non-UL Temperature Rating	90°C
Bulk Cable Weight	63.695 Kg/Km
Max. Recommended Pulling Tension	444.82 N
Min. Bend Radius (Install)	6.985 cm

APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

PLENUM/NON-PLENUM:

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

ELECTRICAL CHARACTERISTICS:

Nom. Characteristic Impedance	52 Ohms
Nom. Inductance	0.591 µH/m
Nom. Capacitance Conductor to Conductor @ 1 KHz	98.43 pF/m
Nom. Cap. Cond. to Other Cond. & Shield @ 1 KHz	180.455 pF/m
Nom. Conductor DC Resistance @ 20 Deg. C	33.466 Ohms/km
Nominal Outer Shield DC Resistance @ 20 Deg. C	10.04 Ohms/km
Max. Operating Voltage - Non-UL	600 V RMS
Other Maximum Continuous Currents	4 Amps per conductor @ 25°C

PUT-UPS AND COLORS:

Item	Description	Put-Up (M)	Ship Weight (kgs.)	Jacket Color	Notes
8412 0021000	2 #20 EPDM BRD EPDM	304.8	21.338	RED	C
8412 0041000	2 #20 EPDM BRD EPDM	304.8	21.338	YELLOW	
8412 0061000	2 #20 EPDM BRD EPDM	304.8	21.338	BLUE, LIGHT	C
8412 010100	2 #20 EPDM BRD EPDM	30.48	2.361	BLACK	
8412 0101000	2 #20 EPDM BRD EPDM	304.8	21.338	BLACK	C
8412 010250	2 #20 EPDM BRD EPDM	76.2	5.448	BLACK	
8412 010500	2 #20 EPDM BRD EPDM	152.4	10.896	BLACK	C
8412 010U1000	2 #20 EPDM SHLD EPDM	U304.8	21.338	BLACK	
8412 010U500	2 #20 EPDM SHLD EPDM	U152.4	10.896	BLACK	



8412 Non-Paired - Microphone and Musical Instrument Cable

C = CRATE REEL PUT-UP.

Revision Number: 1 Revision Date: 10-28-2003

© 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.