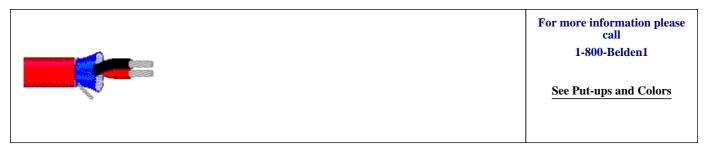


# **BELDEN**Cable

## 88761 Paired - Audio, Control and Instrumentation Cable



### **Description:**

22 AWG stranded (7x30) tinned copper conductors, twisted pair, FEP insulation, overall 100% Beldfoil® shield, 22 AWG stranded tinned copper drain wire, FEP jacket.

## PHYSICAL CHARACTERISTICS:

### **CONDUCTOR:**

Number of Pairs	1
Total Number of Conductors	2
AWG	22
Stranding	7x30
Conductor Material	TC - Tinned Copper

### **INSULATION:**

Insulation Material	FEP - Fluorinated Ethylene Propylene
Nom. Insulation Wall Thickness	.006 in.

## Pair Color Code Chart:

Number	Color
1	Black & Red

## **OUTER SHIELD:**

Outer Shield Material Trade Name	Beldfoil® (Z-Fold®)
Outer Shield Type	Tape
Outer Shield Material	Aluminum Foil-Polyester Tape
Outer Shield %Coverage	100 %
OUTER SHIELD DRAIN WIRE:	

Outer Shield Drain Wire AWG	22
Outer Shield Drain Wire Stranding	Stranded
Outer Shield Drain Wire Conductor Material	TC - Tinned Copper

### **OUTER JACKET:**

Outer Jacket Material	FEP - Fluorinated Ethylene Propylene
Outer Jacket Nominal Wall Thickness	.014 in.

## **OVERALL NOMINAL DIAMETER:**





# 88761 Paired - Audio, Control and Instrumentation Cable

Overall Nominal Diameter	.116 in.
MECHANICAL CHARACTERISTICS:	
Operating Temperature Range	-70°C To +200°C
Bulk Cable Weight	12 lbs/1000 ft.
Max. Recommended Pulling Tension	27 lbs.
Min. Bend Radius (Install)	1.2 in.

## APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

### APPLICABLE STANDARDS:

NEC/(UL) Specification	CMP
CEC/C(UL) Specification	CMP

### FLAME TEST:

UL Flame Test	UL910 Steiner Tunnel
C(UL) Flame Test	FT6

## PLENUM/NON-PLENUM:

Plenum (Y/N)	Y
Non-Plenum Number	8761

## **ELECTRICAL CHARACTERISTICS:**

Nom. Characteristic Impedance	42 Ohms
Nom. Inductance	.16 μH/ft
Nom. Capacitance Conductor to Conductor @ 1 KHz	35 pF/ft
Nom. Cap. Cond. to Other Cond. & Shield @ 1 KHz	67 pF/ft
Nom. Conductor DC Resistance @ 20 Deg. C	15 Ohms/1000 ft
Nominal Outer Shield DC Resistance @ 20 Deg. C	12 Ohms/1000 ft
Max. Operating Voltage - UL	300 V RMS
Max. Recommended Current	2.8 Amps per conductor @ 25°C

## NOTES:

Notes	Teflon® is a registered trademark of E. I. duPont de Nemours and Co. used under
	license by Belden, Inc.

### **PUT-UPS AND COLORS:**

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
88761 002100	2#22 FEP FS FEP	100	2.7	RED	C
88761 0021000	2#22 FEP FS FEP	1000	14	RED	CZ
88761 002500	2#22 FEP FS FEP	500	7.5	RED	CZ



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88761 002U1000	2 #22 FEP FS FEP	U1000	13	RED	0
88761 002U500	2 #22 FEP FS FEP	U500	7	RED	0

C = CRATE REEL PUT-UP.

O = FINAL PUT-UP LENGTH MAY VARY (+ OR -) 10% FOR UNREEL CARTONS FROM LENG TH SHOWN.

 $Z = FINAL\ PUT-UP\ LENGTH\ MAY\ VARY\ (+\ OR\ -)\ 10\%\ FOR\ SPOOLS\ OR\ REELS\ AND\ (+\ OR\ -)\ 5\%\ FOR\ UNREEL\ CARTONS\ FROM\ LENGTH\ SHOWN.$ 

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