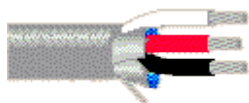


## 8763 Multi-Conductor - Special Audio, Communication and Instrumentation Cable



For more Information  
please call

1-800-Belden1

**General Description:**

20 AWG stranded (7x28) TC conductors, polyethylene insulation, conductors cabled, Beldfoil® shield as noted (100% coverage), 20 or 22 AWG stranded TC drain wire, PVC jacket.

**Physical Characteristics (Overall)****Conductor**

AWG:

# Conductors	# Pairs	AWG	Stranding	Conductor Material
1	1	20	7x28	TC - Tinned Copper

Total Number of Conductors: 3

**Insulation**

Insulation Material:

Insulation Material	Dia. (mm)
PE - Polyethylene	1.676

Insulation Resistance: 100, 000 megaohms/1000ft. @ 500 V DC

**Inner Shield**

Inner Shield Material:

Inner Shield Trade Name	Type	Inner Shield Material	Coverage (%)
Beldfoil® (Z-Fold®)	Tape	Aluminum Foil-Polyester Tape	100

Inner Shield Drain Wire AWG:

AWG
20

Inner Shield Drain Wire Stranding: Stranded

Inner Shield Drain Wire Conductor Material: TC - Tinned Copper

**Outer Jacket**

Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

**Overall Cable**

Overall Nominal Diameter: 5.334 mm

**Pair**

Pair Color Code Chart:

Number	Color
1	Shielded: Black & Red
2	Unshielded: Clear

**Mechanical Characteristics (Overall)**

Operating Temperature Range: -20°C To +80°C

Non-UL Temperature Rating: 80°C

Bulk Cable Weight: 37.205 Kg/Km

Max. Recommended Pulling Tension: 186.824 N

## 8763 Multi-Conductor - Special Audio, Communication and Instrumentation Cable

Min. Bend Radius/Minor Axis: 57.150 mm

## Applicable Specifications and Agency Compliance (Overall)

## Applicable Standards &amp; Environmental Programs

EU Directive 2011/65/EU (ROHS II): Yes

EU CE Mark: Yes

EU Directive 2000/53/EC (ELV): Yes

EU Directive 2002/95/EC (RoHS): Yes

EU RoHS Compliance Date (mm/dd/yyyy): 01/01/2004

EU Directive 2002/96/EC (WEEE): Yes

EU Directive 2003/11/EC (BFR): Yes

CA Prop 65 (CJ for Wire &amp; Cable): Yes

MII Order #39 (China RoHS): Yes

## Plenum/Non-Plenum

Plenum (Y/N): No

## Electrical Characteristics (Overall)

## Nom. Characteristic Impedance:

Impedance (Ohm)

62

## Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)

85.306

## Nom. Capacitance Cond. to Other Conductor &amp; Shield:

Capacitance (pF/m)

157.488

## Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)

29.8571

## Max. Operating Voltage - Non-UL:

Voltage

350 V RMS

## Max. Recommended Current:

Current

3.9 Amps per conductor @ 25°C

## Notes (Overall)

Notes: Beldfoil® shield is over Red and Black pair only. Clear conductor is unshielded.

## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8763 0601000	1,000 FT	27.000 LB	CHROME	C	1SHPR#20, 1 #20 PE PVC

## Notes:

C = CRATE REEL PUT-UP.

Revision Number: 1    Revision Date: 10-16-2012

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