

## 8403 Multi-Conductor - Three-Conductor, Low-Impedance Cable



For more Information  
please call

1-800-Belden1

**Description:**

20 AWG stranded (19x32) high-conductivity tinned copper conductors, polyethylene insulation, rayon braid, TC braid shield (89% cerage), PVC jacket.

**Physical Characteristics (Overall)****Conductor****AWG:**

# Conductors	AWG	Stranding	Conductor Material	Dia. (mm)
3	20	19x32	High Conductivity TC - Tinned Copper	0.9398

**Insulation****Insulation Material:**

Insulation Material	Wall Thickness (mm)	Dia. (mm)
PE - Polyethylene	0.4064	1.7526

**Outer Shield****Outer Shield Material:**

Type	Outer Shield Material	Coverage (%)
Braid	TC - Tinned Copper	89

**Outer Jacket****Outer Jacket Material:**

Outer Jacket Material	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.8382

**Overall Cabling****Overall Cabling Color Code Chart:**

Number	Color
1	Clear
2	Black
3	Red

**Overall Cabling Separator Material:** Rayon Braid

**Overall Nominal Diameter:** 6.198 mm

**Mechanical Characteristics (Overall)**

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

**Non-UL Temperature Rating:** 80°C

**Bulk Cable Weight:** 61.016 Kg/Km

**Max. Recommended Pulling Tension:** 493.750 N

**Min. Bend Radius (Install)/Minor Axis:** 61.976 mm

**Applicable Specifications and Agency Compliance (Overall)****Applicable Standards & Environmental Programs**

**EU CE Mark:** Yes

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

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

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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

**Flame Test**

UL Flame Test: VW-1

**Plenum/Non-Plenum**

Plenum (Y/N): No

**Electrical Characteristics (Overall)****Nom. Capacitance Conductor to Conductor:**

Capacitance (pF/m)

82.025

**Nom. Capacitance Cond. to Other Conductor & Shield:**

Capacitance (pF/m)

147.645

**Nom. Conductor DC Resistance:**

DCR @ 20°C (Ohm/km)

33.4662

**Nominal Outer Shield DC Resistance:**

DCR @ 20°C (Ohm/km)

11.4835

**Max. Operating Voltage - UL:**

Voltage

600 V RMS

**Max. Recommended Current:**

Current

3.1 Amps per conductor @ 25°C

**Related Documents:**

No related documents are available for this product

**Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8403 0601000	305 MT	20.412 KG	CHROME	C	3 #20 PE SHLD PVC
8403 060500	152 MT	9.299 KG	CHROME	C	3 #20 PE SHLD PVC

**Notes:**

C = CRATE REEL PUT-UP.

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