

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



For more Information
please call

1-800-Belden1



General Description:

20 AWG stranded (19x32) high-conductivity tinned copper conductors, polyethylene insulation, rayon braid, TC braid shield (90% coverage), PVC jacket.

Physical Characteristics (Overall)

Conductor

AWG:

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

Total Number of Conductors: 3

Insulation

Insulation Material:

Insulation Material	Dia. (mm)
PE - Polyethylene	1.753

Outer Shield

Outer Shield Material:

Type	Outer Shield Material	Coverage (%)
Braid	TC - Tinned Copper	90.000

Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

Overall Cable

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/Minor Axis: 63.500 mm

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

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

EU CE Mark: Yes

METRIC MEASUREMENT VERSION

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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 & Cable):	Yes
MII Order #39 (China RoHS):	Yes

Flame Test

UL Flame Test:	VW-1
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Plenum/Non-Plenum

Plenum (Y/N):	No
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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

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8403 0601000	1,000 FT	45.000 LB	CHROME	C	3 #20 PE SHLD PVC
8403 060500	500 FT	22.500 LB	CHROME	C	3 #20 PE SHLD PVC

Notes:

C = CRATE REEL PUT-UP.

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