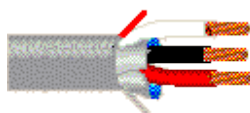


## 5401GE Multi-Conductor - Commercial Applications



For more Information  
please call

1-800-Belden1

**Description:**

20 AWG BC conductors, PVC insulation, black/red pair shielded w/Beldfoil® tape (alum side facing in) and TC drain wire, cabled w/additional insulated conductor(s) as indicated, PVC jacket with rip cord. Sequential footage marking every two feet.

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

# Pairs	AWG	Stranding	Conductor Material
1	20	7	BC - Bare Copper

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

Insulation Material	Wall Thickness (in.)
PVC - Polyvinyl Chloride	.010

**Inner Shield****Inner Shield Material:**

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

**Inner Shield Drain Wire Conductor Material:** TC - Tinned Copper

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

Outer Shield Material
Unshielded

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

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	.015

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

Color
Black & Red (shielded pair)
White

**Overall Nominal Diameter:** 0.196 in.

**Pair****Pair Lay Length & Direction:**

Lay Length (in.)
1.750

**Mechanical Characteristics (Overall)**

**Operating Temperature Range:** -20°C To +75°C

**Bulk Cable Weight:** 20.800 lbs/1000 ft.

**Max. Recommended Pulling Tension:** 46.900 lbs.

## 5401GE Multi-Conductor - Commercial Applications

Min. Bend Radius (Install)/Minor Axis: 2 in.

## Applicable Specifications and Agency Compliance (Overall)

## Applicable Standards &amp; Environmental Programs

NEC/(UL) Specification: CMR

CEC/C(UL) Specification: CMG

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): 04/01/2005

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: UL1666 Vertical Shaft

C(UL) Flame Test: FT4

## Plenum/Non-Plenum

Plenum (Y/N): No

Plenum Number: 6401GE

## Surface Printing (Overall)

## Electrical Characteristics (Overall)

## Nom. Inductance:

Inductance (μH/ft)  
.17

## Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)  
56

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

Capacitance (pF/ft)  
101

## Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)  
10.2

## Max. Operating Voltage - UL:

Voltage  
300 V RMS

## Max. Recommended Current:

Current  
3.75 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
5401GE 0081000	1,000 FT	23.000 LB	GRAY		1 FSPR + 1 CDR #20PVCFRPVC

## 5401GE Multi-Conductor - Commercial Applications

Revision Number: 1    Revision Date: 04-18-2008

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