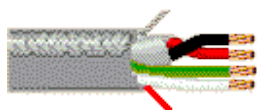


## 5302GE Multi-Conductor - Commercial Applications



For more Information  
please call

1-800-Belden1

**Description:**

18 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:

# Conductors	# Pairs	AWG	Stranding	Conductor Material
2	1	18	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
Green

Overall Nominal Diameter: 0.225 in.

**Pair**

Pair Lay Length & Direction:

Lay Length (in.)
2.000

**Mechanical Characteristics (Overall)**

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

Bulk Cable Weight: 35.500 lbs/1000 ft.

Max. Recommended Pulling Tension: 103.600 lbs.

## 5302GE Multi-Conductor - Commercial Applications

Min. Bend Radius (Install)/Minor Axis:	2.500 in.
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## 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 & 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
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## Electrical Characteristics (Overall)

## Nom. Inductance:

Inductance (μH/ft)
.16

## Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)
65

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

Capacitance (pF/ft)
117

## Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
6.5

## Max. Operating Voltage - UL:

Voltage
300 V RMS

## Max. Recommended Current:

Current
4 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
5302GE 008U1000	1,000 FT	37.000 LB	GRAY		1 FS PR + 2 #18 PVC PVC

## 5302GE Multi-Conductor - Commercial Applications

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

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Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.