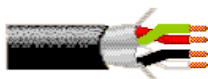


**5541P1 Multi-Conductor - Water-Blocked for Indoor/Outdoor Use**

For more Information  
please call

1-800-Belden1

**General Description:**

Security & Alarm Cable, Riser-CMR, 2-22 AWG stranded bare copper pairs with PVC insulation, Individually Waterblock tape and Beldfoil® shielded, PVC jacket

**Usage (Overall)**

Suitable Applications:

Low Voltage, Water Resistant, Water-Blocked for Use in Underground Ducts, Moisture Resistant, Sunlight Resistant, Indoor/Outdoor, CM

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

AWG:

# Pairs	AWG	Stranding	Conductor Material
2	22	7	BC - Bare Copper

Total Number of Conductors:

4

**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 AWG:

AWG	Stranding	Conductor Material
24	7	TC - Tinned Copper

Inner Shield Waterblocking Tape:

Non-Woven

**Outer Jacket**

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	.025

**Overall Cable**

Overall Nominal Diameter:

0.239 in.

**Pair**

Pair Color Code Chart:

Number	Color
1	Black & White
2	Green & Red

**Mechanical Characteristics (Overall)**

Operating Temperature Range: -20°C To +105°C

Bulk Cable Weight: 29.100 lbs/1000 ft.

Max. Recommended Pulling Tension: 41.900 lbs.

Min. Bend Radius/Minor Axis: 2.500 in.

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

NEC/(UL) Specification: CM

CEC/C(UL) Specification: CM

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

EU CE Mark: Yes

**5541P1 Multi-Conductor - Water-Blocked for Indoor/Outdoor Use**

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

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

EU RoHS Compliance Date (mm/dd/yyyy): 07/12/2006

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: UL1581 Vertical Tray

**Plenum/Non-Plenum**

Plenum (Y/N): No

Plenum Number: 6541FE

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

Capacitance (pF/ft)

47.200

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

Capacitance (pF/ft)

84.900

**Nom. Conductor DC Resistance:**

DCR @ 20°C (Ohm/1000 ft)

16.4

**Nominal Outer Shield DC Resistance:**

DCR @ 20°C (Ohm/1000 ft)

15

**Max. Operating Voltage - UL:**

Voltage

300 V RMS

**Max. Recommended Current:**

Current

3.8 Amps per conductor @ 25°C

**Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
5541P1 0081000	1,000 FT	29.000 LB	GRAY	C	2 FS PR #22 PVC FS PVC
5541P1 0101000	1,000 FT	29.000 LB	BLACK	C	2 FS PR #22 PVC FS PVC

**Notes:**

C = CRATE REEL PUT-UP.

Revision Number: 1 Revision Date: 03-11-2013

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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.