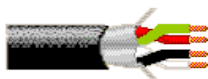


5541P1 Multi-Conductor - Water-Blocked for Indoor/Outdoor Use

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

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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): 07/12/2006

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: 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 2014/35/EU).