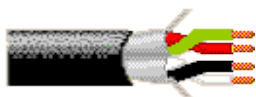


5541P1 Multi-Conductor - Water-Blocked for Indoor/Outdoor Use

For more Information
please call

1-800-Belden1

**Description:**

22 AWG stranded bare copper conductors, 2 STP, PVC insulation, individual Beldfoil® shield and drain wire, individual waterblock tape per pair, overall PVC jacket.

Usage (Overall)**Suitable Applications:**

Low Voltage, Water Resistant, Water Block, Direct Burial, Moisture Resistant, Sunlight Resistant, Indoor/Outdoor, CM

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

# Pairs	AWG	Stranding	Conductor Material
2	22	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 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 (Install)/Minor Axis:

2.500 in.

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Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification:	CM
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CEC/C(UL) Specification:	CM
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EU CE Mark:	Yes
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EU Directive 2000/53/EC (ELV):	Yes
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EU Directive 2002/95/EC (RoHS):	Yes
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EU RoHS Compliance Date (mm/dd/yyyy):	07/12/2006
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EU Directive 2002/96/EC (WEEE):	Yes
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EU Directive 2003/11/EC (BFR):	Yes
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CA Prop 65 (CJ for Wire & Cable):	Yes
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MII Order #39 (China RoHS):	Yes
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Flame Test

UL Flame Test:	UL1581 Vertical Tray
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Plenum/Non-Plenum

Plenum (Y/N):	No
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Plenum Number:	6541FE
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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

Related Documents:

No related documents are available for this product

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.

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Revision Number: 1 Revision Date: 01-07-2011

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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.