

5524G1 Multi-Conductor - Water-Blocked for Indoor/Outdoor Use



For more Information
please call

1-800-Belden1

**Description:**

22 AWG solid tinned copper conductors, PVC insulation, 1 pair with Beldfoil® shield and drain wire, inner waterblocking tape cabled with 2 unshielded conductors, overall waterblocking tape, overall PVC jacket. Sequential footage marking every two feet.

Usage (Overall)**Suitable Applications:**

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

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

# Conductors	# Pairs	AWG	Stranding	Conductor Material
4	1	22	Solid	TC - Tinned Copper

Insulation**Insulation Material:**

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

Inner Shield**Inner Shield Material:**

Layer #	Inner Shield Trade Name	Type	Inner Shield Material	Coverage (%)	Stranding	Conductor Material
Blk/Red Pair	Beldfoil®	Tape	Aluminum Foil-Polyester Tape	100	Solid	TC - Tinned Copper
Blk/Red Pair	Waterblocking Tape	Tape	Non-woven	100		

Outer Jacket**Outer Jacket Material:**

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

Overall Cable**Overall Cabling Separator Material:**

Waterblocking Tape

Overall Nominal Diameter:

0.244 in.

Pair**Pair Color Code Chart:**

Number	Color
1	Black & Red
2	Brown
3	Green
4	Blue
5	White

Mechanical Characteristics (Overall)**Operating Temperature Range:**

-20°C To +105°C

Bulk Cable Weight:

29.200 lbs/1000 ft.

Max. Recommended Pulling Tension:

54 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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Electrical Characteristics (Overall)

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

48.800

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/ft)

87.800

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

15.7

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

11.3

Max. Operating Voltage - UL:

Voltage

300 V RMS

Max. Recommended Current:

Current

3.2 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
5524G1 0081000	1,000 FT	31.000 LB	GRAY	C	1 FS PR #22, 4 #22 PVC FS PVC
5524G1 0101000	1,000 FT	31.000 LB	BLACK	C	1 FS PR #22, 4 #22 PVC FS PVC

Notes:

C = CRATE REEL PUT-UP.

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