

5584G1 Multi-Conductor - Water-Blocked for Indoor/Outdoor Use

For more Information
please call

1-800-Belden1

**General Description:**

Security & Alarm Cable, Rated-CM, 1-22 AWG solid tinned copper pair with PVC insulation and Beldfoil® shield, 2-22 AWG solid tinned copper conductors with PVC insulation, Inner and Overall waterblocking tape, PVC jacket

Usage (Overall)

Suitable Applications:

Low Voltage, Water Resistant, Water Blocked for Use in Underground Ducts, Moisture Resistant, CM, A30 Intercom, Sound, Audio, Indoor/Outdoor

Physical Characteristics (Overall)**Conductor**

AWG:

# Pairs	AWG	Stranding	Conductor Material
3	22	Solid	TC - Tinned Copper

Total Number of Conductors:

6

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 (%)	Stranding	Conductor Material	Description
Beldfoil®	Tape	Aluminum Foil-Polyester Tape	100	Solid	TC - Tinned Copper	Blk/Red Pair
Waterblocking Tape	Tape	Non-woven	100			Blk/Red Pair
		Unshielded				Blk/White Pair
		Unshielded				Blk/Green Pair

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:

0.283 in.

Pair

Pair Color Code Chart:

Number	Color
1	Black & Red
2	Black & White
3	Black & Green

Mechanical Characteristics (Overall)

Operating Temperature Range:

-20°C To +105°C

Bulk Cable Weight:

31.700 lbs/1000 ft.

Max. Recommended Pulling Tension:

54 lbs.

Min. Bend Radius/Minor Axis:

3 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

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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): 07/18/2006

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

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

Description	Freq. (MHz)	Capacitance (pF/ft)
Blk/Red Pair	1	33
Other Pairs	1	18

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/ft)
88.600

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

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
5584G1 0081000	1,000 FT	35.000 LB	GRAY	C	1 FS PR, 2 PR #22 PVC PVC
5584G1 0101000	1,000 FT	36.000 LB	BLACK		1 FS PR, 2 PR #22 PVC PVC

Notes:

C = CRATE REEL PUT-UP.

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Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 2014/35/EU).

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