ENGLISH MEASUREMENT VERSION



1263B Composite - Cables for TV Cameras and CCTV



For more Information please call

1-800-Belden1



General Description:

(2) Coax: 25 AWG (7x30) BC, GIFPE insul., Duofoil® plus TC braid (95% cov.), PVC inner jacket. (3) Pairs: 22 AWG TC, PP insul., Beldfoil® with drain, PVC Jackets. Color Coded Jackets. Cabled. Overall flexible PVC jacket.

Usage (Overall) Suitable Applications: Electronic News Gathering (ENG), Electronic Field Production (EFP), Analog Audio + Digital Video Composite Applications, 2 V + 3A Coax **Physical Characteristics** Conductor AWG: # Coax AWG Stranding Conductor Material Dia. (in.) BC - Bare Copper 0.021 Insulation Insulation Material: **Insulation Material** FPE - Foam Polyethylene 0.100 **Inner Shield** Inner Shield Material: Layer # Inner Shield Trade Name Type Inner Shield Material % Coverage (%) **Duofoil®** Tape Aluminum Foil-Polyester Tape 100 Braid TC - Tinned Copper **Inner Jacket** Inner Jacket Material: Inner Jacket Material Nom. Dia. (in.) PVC - Polyvinyl Chloride 0.160 Inner Jacket Color Code Chart: Number Color Red Black **Applicable Specifications and Agency Compliance Applicable Standards & Environmental Programs** EU CE Mark: No RG Type: 59/U

Electrical Characteristics

Nom. Characteristic Impedance:

Impedance (Ohm) 75

Nom. Capacitance Conductor to Shield:

Capacitance (pF/ft) 17.300

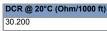
Nominal Velocity of Propagation:

78.000

Nominal Delay:

Delay (ns/ft) 1.300

Nom. Conductor DC Resistance:



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Nom. Inner Shield DC Resistance:



Nom. Attenuation:

Freq. (MHz)	Attenuation (dB/100 ft.)
1.000	0.450
5.000	1.100
10.000	1.500
50.000	3.200
100.000	4.300
300.000	10.600
500.000	13.800

Twisted Pair

Physical Characteristics

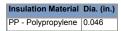
Conductor

AWG:

# Pai	irs AWG	Stranding	Conductor Material	Dia. (in.)
3	22	7x30	Tc - Tinned Copper	0.030

Insulation

Insulation Material:



Inner Shield

Inner Shield Material:

Inner Shield Trade Name	Type	Inner Shield Material	Coverage (%)
Beldfoil® (Z-Fold®)	Tape	Aluminum Foil-Polyester Tape	100

Inner Shield Drain Wire AWG:

AWG	Stranding	Dia. (in.)	Conductor Material
22	7x30	0.030	TC - Tinned Copper

Inner Jacket

Inner Jacket Color Code Chart:

Number	Color
1	Black and Red
2	Black and Red
3	Black and Red

Individual Shield

Electrical Characteristics

Nom. Characteristic Impedance:

Impedance	(Ohm)
50	

Nom. Inductance:



Nom. Capacitance Conductor to Conductor:



Nom. Capacitance Cond. to Other Conductor & Shield:



Nominal Velocity of Propagation:

VP (%) 66.000

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft) 11.300

Max. Operating Voltage - Non-UL:

Voltage 150 V RMS

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Multi Conductor

Physical Characteristics

Conductor AWG:

Triads

Inner Jacket

Inner Jacket Material:

Inner Jacket Material Nom. Dia. (in.) PVC - Polyvinyl Chloride 0.125

Inner Jacket Color Code Chart:



Physical Characteristics (Overall)

Outer Jacket

Outer Jacket Material:

Outer Jacket Material PVC - Polyvinyl Chloride

Overall Cable

Overall Nominal Diameter: 0.492 in.

Mechanical Characteristics (Overall)

Operating Temperature Range:	-20°C To +60°C
UL Temperature Rating:	60°C
Bulk Cable Weight:	107 lbs/1000 ft.
Max. Recommended Pulling Tension:	135 lbs.
Min. Bend Radius/Minor Axis:	5 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	01/01/2004
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
Plenum/Non-Plenum	
Plenum (Y/N):	No

Electrical Characteristics (Overall)

Max. Operating Voltage - UL:

Voltage 30 V RMS

Notes (Overall)

Notes: Round Construction

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
1263B J5C1000	1,000 FT	114.000 LB	BLACK, VIVID MATTE	С	2 #25 COAX 3 PR #22 PP PVC PVC
1263B J5C500	500 FT	60.500 LB	BLACK, VIVID MATTE	С	2 #25 COAX 3 PR #22 PP PVC PVC

Notes: C = CRATE REEL PUT-UP.

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Revision Number: 0 Revision Date: 10-26-2012

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