**ENGLISH MEASUREMENT VERSION** 



## 1263B Composite - Cables for TV Cameras and CCTV



For more Information please call

1-800-Belden1



## **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.)
2	25	7x33	BC - Bare Copper	0.021

#### Insulation

#### **Insulation Material:**

Insulation Material	Dia. (in.)
FPE - Foam Polyethylene	0.100

## **Inner Shield**

#### Inner Shield Material:

Layer #	Inner Shield Trade Name	Type	Inner Shield Material	% Coverage (%)
1	Duofoil®	Таре	Aluminum Foil-Polyester Tape	100
2		Braid	TC - Tinned Copper	95

#### **Inner Jacket**

#### Inner Jacket Material:

Inner Jacket Material	Nom. Dia. (in.)
PVC - Polyvinyl Chloride	0.160

#### **Inner Jacket Color Code Chart:**

Number	Color
1	Red
2	Black

# Applicable Specifications and Agency Compliance

# **Applicable Standards & Environmental Programs**

 EU CE Mark:
 No

 RG Type:
 59/U

## **Electrical Characteristics**

Nom. Characteristic Impedance:



Nom. Capacitance Conductor to Shield:



Nominal Velocity of Propagation:

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**VP (%)** 78.000

#### **Nominal Delay:**



#### Nom. Conductor DC Resistance:

DCR @ 20°C	(Ohm/1000 ft)
30.200	

#### Nom. Inner Shield DC Resistance:

DCR @ 20°C	(Ohm/1000 ft)
5.900	

### Nom. Attenuation:

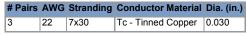
Freq. (MHz)	Attenuation (dB/100 ft.)
1.000	0.450
5.000	1.100
10.000	1.500
50.000	3.200
100.000	4.300
300.000	10.600
500.000	13.800

## **Twisted Pair**

## **Physical Characteristics**

### Conductor

AWG:



#### 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.)	<b>Conductor Material</b>
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

## **Electrical Characteristics**

#### Nom. Characteristic Impedance:

Impedance	(Ohm)
50	

## Nom. Inductance:

Inductance	(µH/ft
0.170	

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

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### **ENGLISH MEASUREMENT VERSION**



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Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/ft) 58.000

**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

### **Multi Conductor**

### **Physical Characteristics**

Conductor

AWG:



#### **Inner Jacket**

Inner Jacket Material:

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

## Inner Jacket Color Code Chart:

Number	Color
1	Brown
2	Red
3	Orange

# **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:	103 lbs/1000 ft.
Max. Recommended Pulling Tension:	135 lbs.
Min. Bend Radius (Install)/Minor Axis:	5 in.

## **Applicable Specifications and Agency Compliance (Overall)**

## **Applicable Standards & Environmental Programs**

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

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## 1263B Composite - Cables for TV Cameras and CCTV

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

P

#### **Notes (Overall)**

Notes: Round Construction

#### **Related Documents:**

No related documents are available for this product

#### **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.

Revision Number: 0 Revision Date: 02-20-2009

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