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1-800-Belden1



### General Description:

25 AWG solid tinned copper conductors, foam polyethylene insulation, Duofoil®(100% coverage) plus a tinned copper braid shield (95% coverage), inner PVC jacket, outer PVC jacket with ripcord.

### Physical Characteristics (Overall)

#### Conductor

AWG:

# Coax	AWG	Stranding	Conductor Material	Dia. (in.)
5	25	Solid	TC - Tinned Copper	.0179

Total Number of Conductors: 5

#### Insulation

Insulation Material:

Insulation Material	Dia. (in.)
FPE - Foam Polyethylene	0.074

#### Inner Shield

Inner Shield Material:

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

#### Inner Jacket

Inner Jacket Material:

Inner Jacket Material	Nom. Dia. (in.)
PVC - Polyvinyl Chloride	.114

#### Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

Outer Jacket Ripcord: Yes

#### Overall Cable

Overall Nominal Diameter: 0.382 in.

### Mechanical Characteristics (Overall)

Operating Temperature Range: -20°C To +75°C

Max. Recommended Pulling Tension: 130 lbs.

Min. Bend Radius (Each Coax): 1.250 in.

Min. Bend Radius (Overall): 4 in.

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

NEC/(UL) Specification: CMR

CEC/C(UL) Specification: CMR

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

### Flame Test

UL Flame Test: UL1666 Riser

### Suitability

Suitability - Indoor: Yes

### Electrical Characteristics (Overall)

#### Nom. Characteristic Impedance:

Impedance (Ohm)  
75

#### Nom. Inductance:

Inductance (µH/ft)  
.087

#### Nom. Capacitance Conductor to Shield:

Capacitance (pF/ft)  
17.0

#### Nominal Velocity of Propagation:

VP (%)  
80

#### Nominal Delay:

Delay (ns/ft)  
1.24

#### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)  
34

#### Nom. Inner Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)  
5.4

#### Nom. Attenuation:

Freq. (MHz)	Attenuation (dB/100 ft.)
1	0.52
5	1.17
50	3.70
100	4.90
200	6.70
400	9.50
750	13.40
900	15.00
1000	15.80
3000	31.20

#### Max. Operating Voltage - UL:

Voltage  
300 V RMS

#### Minimum Return Loss:

Description	Freq. (MHz)	Start Freq. (MHz)	Stop Freq. (MHz)	Min. RL (dB)
		5	850	20

### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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Наши преимущества:

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- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
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- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
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- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



#### Как с нами связаться

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