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 please call

1-800-Belden1

## Description

26 AWG Solid .016" (.40mm) Silver-Plated Copper, Foam HDPE Insulation, Beldfoil® plus 93% Tinned Copper Braid Shield, PVC jacket.

## Physical Characteristics (Overall):

### Conductor:

AWG

# Coax	AWG	Stranding	Conductor Material
2	26	Solid	SPC - Silver Plated Copper

Total Number of Conductors 2

### Insulation:

Insulation Material

Ins Material	Dia. (in. )
FHDPE - Foam High Density Polyethylene	0.077

### Outer Shield:

Outer Shield Material

Layer #	Outer Shield Trade Name	Type	Outer Shield Material	% Coverage (%)
1	Beldfoil®	Tape	Aluminum Foil-Polyester	100
2		Braid	Tinned Copper	93

### Outer Jacket:

Outer Jacket Material

Outer Jacket Material
PVC - Polyvinyl Chloride

### Overall Cabling:

Overall Nominal Diameter: .129 x .332 in.

## Mechanical Characteristics (Overall):

Operating Temperature Range	-40°C To +75°C
Bulk Cable Weight:	24 lbs/1000 ft.
Max. Recommended Pulling Tension:	50 lbs.
Min. Bend Radius (Overall):	0.900 in.
Min. Flexing Radius:	1.250 in.

## Applicable Specifications and Agency Compliance (Overall):

### Applicable Standards:

NEC/(UL) Specification	CMR
CEC/C(UL) Specification	CMG
Other Specification	Telcordia Specification GR-139-Core

### Flame Test:

UL Flame Test	UL1666 Vertical Shaft
C(UL) Flame Test	FT4

### Suitability:

Suitability - Indoor	Y
Suitability - Outdoor	Y

### Plenum/Non-Plenum:

Plenum (Y/N)	N
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## Electrical Characteristics (Overall):

Nom. Characteristic Impedance

ENGLISH MEASUREMENT VERSION

**735A2T Coax - 735A Series**
**Impedance (Ohm)**  
 75

Nom. Inductance

**Inductance (µH/ft)**  
 0.190

Nom. Capacitance Conductor to Shield

**Capacitance (pF/ft)**  
 17.700

Nominal Velocity of Propagation

**VP (%)**  
 76

Nominal Delay

**Delay (ns/ft)**  
 1.340

Nom. Conductor DC Resistance

**DCR @ 20°C (Ohm/1000 ft)**  
 41.000

Max. Operating Voltage - UL

**Voltage**  
 300 V RMS

Other Electrical Characteristic 1	Impedance tested in accordance with ASTM D-4566 Paragraph 43.2, Option 2 using a 75 Ohm Fixed Bridge and Termination.
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Other Electrical Characteristic 2	RL tested in Accordance with ASTM D-4566 Paragraph 45.3, using a 75 Ohm Fixed Bridge and Termination.
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Other Electrical Characteristic 3	100% Sweep tested
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Minimum Return Loss

Description	Freq. (MHz)	Start Freq. (MHz)	Stop Freq. (MHz)	Min. RL (dB)
		15.000	95.000	30.000

Nominal Outer Shield DC Resistance

**DCR @ 20°C (Ohm/1000 ft)**  
 5.300
**Notes (Overall):**

Notes	Siamese version feature zip cord design with printing on one leg.
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