

1153A Coax - CATV Cable

For more Information
please call

1-800-Belden1

**General Description:**

14 AWG solid .064" bare copper-covered steel conductor, plenum, foam FEP insulation, Duofoil® (100% coverage) + TC braid shields (60% and 40% coverage), FEP jacket.

Physical Characteristics (Overall)**Conductor****AWG:**

# Coax	AWG	Stranding	Conductor Material	Dia. (in.)
1	14	Solid	BCCS - Bare Copper Covered Steel	.064

Total Number of Conductors: 1

Insulation**Insulation Material:**

Insulation Trade Name	Insulation Material	Dia. (in.)
Teflon®	FFEP - Foam Fluorinated Ethylene Propylene	.280

Outer Shield**Outer Shield Material:**

Layer #	Outer Shield Trade Name	Type	Outer Shield Material	Coverage (%)
1	Duofoil®	Tape	Aluminum Foil-Polyester Tape-Aluminum Foil	100
2		Braid	TC - Tinned Copper	60
3	Duofoil®	Tape	Aluminum Foil-Polyester Tape-Aluminum Foil	100
4		Braid	TC - Tinned Copper	40

Outer Jacket**Outer Jacket Material:**

Outer Jacket Trade Name	Outer Jacket Material
Teflon®	FEP - Fluorinated Ethylene Propylene

Overall Cable

Overall Nominal Diameter: 0.387 in.

Mechanical Characteristics (Overall)

Operating Temperature Range:	-70°C To +200°C
Non-UL Temperature Rating:	200°C
Bulk Cable Weight:	98 lbs/1000 ft.
Max. Recommended Pulling Tension:	236 lbs.
Min. Bend Radius/Minor Axis:	4 in.

Applicable Specifications and Agency Compliance (Overall)**Applicable Standards & Environmental Programs**

NEC/(UL) Specification:	CMP, CL2P
CEC/C(UL) Specification:	CMP
EU Directive 2011/65/EU (ROHS II):	Yes
EU CE Mark:	Yes
EU Directive 2000/53/EC (ELV):	Yes

EU Directive 2002/95/EC (RoHS):	Yes
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EU RoHS Compliance Date (mm/dd/yyyy):	04/01/2005
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EU Directive 2002/96/EC (WEEE):	Yes
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EU Directive 2003/11/EC (BFR):	Yes
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CA Prop 65 (CJ for Wire & Cable):	Yes
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MII Order #39 (China RoHS):	Yes
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Series Type:	Series 11
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Flame Test

UL Flame Test:	NFPA 262
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CSA Flame Test:	FT6
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Plenum/Non-Plenum

Plenum (Y/N):	Yes
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Electrical Characteristics (Overall)**Nom. Characteristic Impedance:**

Impedance (Ohm)
75

Nom. Inductance:

Inductance (μH/ft)
.093

Nom. Capacitance Conductor to Shield:

Capacitance (pF/ft)
16.2

Nominal Velocity of Propagation:

VP (%)
82

Nominal Delay:

Delay (ns/ft)
1.24

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
11.0

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
1.8

Nom. Attenuation:

Freq. (MHz)	Attenuation (dB/100 ft.)
1	.2
10	.39
50	1.2
100	1.7
200	2.5
400	3.5
700	4.6
900	5.3
1000	5.6

Max. Operating Voltage - UL:

Voltage
300 V RMS

Minimum Structural Return Loss:

Description	Freq. (MHz)	Start Freq. (MHz)	Stop Freq. (MHz)	Min. SRL (dB)
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		5	400	20
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Notes (Overall)

Notes: Sweep tested 5 MHz to 400 MHz. For use in indoor plenum environments but also suitable for outdoor and underground applications. Teflon® is a registered trademark of E. I. duPont de Nemours and Co. used under license by Belden, Inc.

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
1153A A8R1000	1,000 FT	106.000 LB	BEIGE, SNOW	C	#14 FFEP DBL SH FEP
1153A A8R500	500 FT	52.500 LB	BEIGE, SNOW	C	#14 FFEP DBL SH FEP

Notes:

C = CRATE REEL PUT-UP.

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