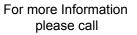
# **Detailed Specifications & Technical Data**



## ENGLISH MEASUREMENT VERSION

## 89120 Coax - CATV Cable



1-800-Belden1



# **Description:**

18 AWG solid .040" bare copper-covered steel conductor, foam FEP insulation, Duofoil® (100% coverage) plus a tinned copper braid shield (95% coverage), FEP jacket.

Physical		eristi	cs (Ov	erall)				
Conducto AWG:	or							
	x AWG Stra	anding	Conducto	or Mate	rial	Dia. (in.)		
1	18 Soli	d	BCCS - Ba	are Cop	oper Covered Ste	el .040		
Insulatio	า							
	on Materia							
	<b>tion Materia</b> - Foam Fluo		Sthylong P	Propyloy	Dia. (in.) ne .170			
				торую				
Outer Shi	ield hield Mate	rial						
	# Outer Sh	-	de Name	Туре	Outer Shield Ma	iterial	Coverage (%)	
1	Duofoil®					olyester Tape-Aluminum Foil		
2				Braid	TC - Tinned Cop	per	95	
Outer Jac								
	acket Mate Jacket Mate							
	Fluorinated I		e Propylen	е				
Overall C	able							
	ll Nominal	Diame	eter:			0.234 in.		
				_				
Mechanic					all)			
Opera	ting Temp	erature	e Range:			-70°C To +200°C		
Bulk C	able Weig	ght:				43 lbs/1000 ft.		
Max. F	Max. Recommended Pulling Tension:					141 lbs.		
Min. B	end Radiu	us (Inst	all)/Minc	or Axis	s:	2.300 in.		
Applicab	le Speci <sup>.</sup>	ficatio	ons an	d Aa	encv Comp	liance (Overall)		
	-			-	tal Program			
NEC/(	UL) Specif	fication	:		-	CATVP, CMP		
CEC/C	(UL) Spec	ificatio	on:			CMP		
EU CE	Mark:					No		
EU Dii	rective 200	00/53/E	C (ELV):			Yes		
EU Dir	rective 200	)2/95/E	C (RoHS	5):		Yes		
	HS Comp			-	yyy):	04/01/2005		
	rective 200					Yes		
	rective 200		· ·			Yes		
	2000 200		- (= 11)	-				

# **Detailed Specifications & Technical Data**

## ENGLISH MEASUREMENT VERSION



## 89120 Coax - CATV Cable

CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes
Series Type:	Series 6
Flame Test	
UL Flame Test:	NFPA 262
CSA Flame Test:	FT6
Plenum/Non-Plenum	
Plenum (Y/N):	Yes
Plenum Number:	87120, 82120

### **Electrical Characteristics (Overall)**

Nom. Characteristic Impedance:

1	m	p	e	as	IN	C	e (	U	n	Π	1

75

Nom. Inductance:

Inductance (µH/ft)

.09

Nom. Capacitance Conductor to Shield:

Capacitance (pF/ft) 16.5

Nominal Velocity of Propagation:

**VP (%)** 82

### Nominal Delay:

Delay (ns/ft) 1.24

Nom. Conductor DC Resistance:

## DCR @ 20°C (Ohm/1000 ft)

28.0

Nominal Outer Shield DC Resistance:

#### DCR @ 20°C (Ohm/1000 ft)

1.7

Nom. Attenuation:

#### Freq. (MHz) Attenuation (dB/100 ft.)

oq. (	
1	.3
10	.66
50	1.6
100	2.2
200	3.0
400	4.6
700	6.6
900	7.7
1000	8.2

#### Max. Operating Voltage - UL:

Voltage

300 V RMS

#### Minimum Structural Return Loss:

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

# **Detailed Specifications & Technical Data**





No related documents are available for this product

#### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
89120 0101000	1,000 FT	46.000 LB	BLACK	С	#18 FFEP SH FEP
89120 010500	500 FT	21.500 LB	BLACK	С	#18 FFEP SH FEP

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 1 Revision Date: 05-14-2007

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