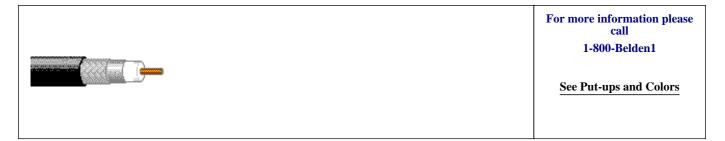


BELDENCable^{**}

9116 Coax - Broadband Coax CATV Cable



Description:

18 AWG solid .040" bare copper-covered steel conductor, gas-injected foam polyethylene insulation, Duobond® II and a 60% aluminum braid shield, PVC jacket.

PHYSICAL CHARACTERISTICS:

CONDUCTOR:

Number of Coax		1	1				
Total Number of Conductors		1	1				
Series Type		Series 6					
AWG		18					
Stranding		Solid	Solid				
Conductor Diameter		.040 in.	.040 in.				
Conductor Material		BCCS - Bare Copper Cove	BCCS - Bare Copper Covered Steel				
INSULATION:							
Insulation Material		Gas-injected FPE - Foam P	Gas-injected FPE - Foam Polyethylene				
Insulation Diameter		.180 in.	.180 in.				
OUTER SHIELD:							
Outer Shield Material Trade Name		Duobond® II					
Outer Shield Material Trade		Duoboliu® II					
Outer Shield Material Trade Outer Shield Type	e Name	Tape/Braid					
Outer Shield Type	Trade Name		Material	% Coverage (%)			
Outer Shield Type Outer Shield Material :	1	Tape/Braid	Material Bonded Aluminum Foil- Polyester Tape-Aluminum Foil	% Coverage (%) 100			
Outer Shield Type Outer Shield Material : Layer Number	Trade Name	Tape/Braid	Bonded Aluminum Foil- Polyester Tape-Aluminum				
Outer Shield Type Outer Shield Material :	Trade Name	Tape/Braid Type Tape	Bonded Aluminum Foil- Polyester Tape-Aluminum Foil	100			
Outer Shield Type Outer Shield Material : Layer Number 1 2	Trade Name	Tape/Braid Type Tape Braid Braid	Bonded Aluminum Foil- Polyester Tape-Aluminum Foil	100			
Outer Shield Type Outer Shield Material : Layer Number 1 2 Outer Shield %Coverage	Trade Name	Tape/Braid Type Tape Braid Braid	Bonded Aluminum Foil- Polyester Tape-Aluminum Foil	100			
Outer Shield Type Outer Shield Material : Layer Number 1 2 Outer Shield %Coverage OUTER JACKET:	Trade Name Bonded Duofoil®	Tape/Braid Type Tape Braid 100 %	Bonded Aluminum Foil- Polyester Tape-Aluminum Foil	100			
Outer Shield Type Outer Shield Material : Layer Number 1 2 Outer Shield %Coverage OUTER JACKET: Outer Jacket Material	Trade Name Bonded Duofoil®	Tape/Braid Type Tape Braid 100 %	Bonded Aluminum Foil- Polyester Tape-Aluminum Foil	100			

Detailed Specifications & Technical Data



BELDENCable^{**}

9116 Coax - Broadband Coax CATV Cable

		5	1000	20		
Description	Frequency (MHz)	Start Frequency (MHz)	Stop Frequency (MHz)	Minimum Structural Return Loss (dB)		
Minimum Structural Return	1 Loss :					
Nominal Outer Shield DC Resistance @ 20°C		9 Ohms/1000 ft				
Nom. Conductor DC Resistance @ 20 Deg. C		28 Ohms/1000 ft				
Nominal Delay		1.2 ns/ft				
Nominal Velocity of Propagation		83 %				
Nom. Capacitance Conductor to Shield			16.2 pF/ft			
Nom. Characteristic Impedance Nom. Inductance			.097 μH/ft			
		75 +/-3 Ohms				
ELECTRICAL CHARA	CTERISTICS:	,				
Plenum Number		9116P				
Plenum (Y/N)		Ν				
PLENUM/NON-PLENUM:						
Sweep Testing		5 MHz - 1 GHz				
SWEEP TEST:						
UL Flame Test		UL1581 Vertical Tray				
FLAME TEST:						
	CEC/C(UL) Specification					
NEC/(UL) Specification						
APPLICABLE STANDA	RDS:					
APPLICABLE SPECIFI	CATIONS AND AGEN	CY COMPLIANCE:				
Min. Bend Radius (Install)		3 in.	3 in.			
Max. Recommended Pulling Tension		126 lbs.	126 lbs.			
Bulk Cable Weight		30 lbs/1000 ft.				
Operating Temperature Range						

Max. Attenuation :

BELDENCable^{**}

9116 Coax - Broadband Coax CATV Cable

Description	Frequency (MHz)	Start Frequency (MHz)	Stop Frequency (MHz)	Max. Attenuation (dB/100 ft.)
	5			0.67
	55			1.60
	211			2.87
	270			3.24
	300			3.43
	350			3.72
	400			4.00
	450			4.26
	550			4.71
	750			5.59
	870			6.00
	1000			6.54

Max. Operating Voltage - UL

350 V RMS

PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
9116 0091000	#18 GIFHDLDPE SH PVC	1000	32	WHITE	
9116 009500	#18 GIFHDLDPE SH PVC	500	17.5	WHITE	
9116 009U1000	#18 GIFHDLDPE SH PVC	U1000	31	WHITE	
9116 009U500	#18 GIFHDLDPE SH PVC	U500	15.5	WHITE	
9116 0101000	#18 GIFHDLDPE SH PVC	1000	32	BLACK	С
9116 010500	#18 GIFHDLDPE SH PVC	500	17.5	BLACK	
9116 010S700	#18 GIFHDLDPE SH PVC	S700	18.9	BLACK	
9116 010U1000	#18 GIFHDLDPE SH PVC	U1000	31	BLACK	
9116 010U500	#18 GIFHDLDPE SH PVC	U500	15.5	BLACK	
9116 290U1000	#18 GIFHDLDPE SH PVC	U1000	31	BEIGE, LIGHT	
9116 Q5H1000	#18 GIFHDLDPE SH PVC	1000	32	WHITE, NEUTRAL	
9116 Q5HU1000	#18 GIFHDLDPE SH PVC	U1000	31	WHITE, NEUTRAL	

C = CRATE REEL PUT-UP.

Revision Number: 2 Revision Date: 06-03-2004

Detailed Specifications & Technical Data



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9116 Coax - Broadband Coax CATV Cable

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