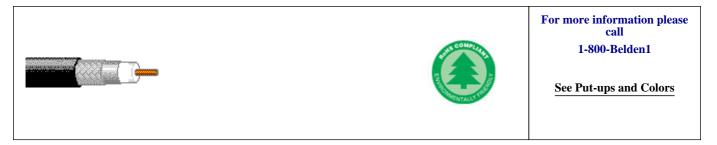
Detailed Specifications & Technical Data



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1523A Coax - CATV Cable



Description:

Series 11, 14 AWG solid .064" bare copper-covered steel conductor, gas-injected foam polyethylene insulation, Duobond® II + aluminum braid shield (60% coverage), PVC jacket.

PHYSICAL CHARACTERISTICS:

CONDUCTOR:

Number of Coax		1	1			
Total Number of Conductors		1				
Series Type		Series 11				
AWG		14				
Stranding		Solid	Solid			
Conductor Diameter		.064 in.	.064 in.			
Conductor Material		BCCS - Bare Copper Cov	BCCS - Bare Copper Covered Steel			
INSULATION:						
Insulation Material		Gas-injected FPE - Foam	Gas-injected FPE - Foam Polyethylene			
Insulation Diameter		.280 in.				
OUTER SHIELD:						
Outer Shield Material Trade Name			Duobond® II			
Outer Shield Material Trade	e Name	Duobond® II				
Outer Shield Material Trade Outer Shield Type	e Name	Duobond® II Tape/Braid				
	e Name					
Outer Shield Type	e Name Trade Name		Material	% Coverage (%)		
Outer Shield Type Outer Shield Material :		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 : Layer Number 1	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	Bonded Aluminum Foil- Polyester Tape-Aluminum Foil AL - Aluminum	100		
Outer Shield Type Outer Shield Material : Layer Number 1 2 OUTER JACKET:	Trade Name Duobond®	Tape/Braid Tape Tape Braid Braid	Bonded Aluminum Foil- Polyester Tape-Aluminum Foil AL - Aluminum	100		
Outer Shield Type Outer Shield Material : Layer Number 1 2 OUTER JACKET: Outer Jacket Material	Trade Name Duobond®	Tape/Braid Tape Tape Braid Braid	Bonded Aluminum Foil- Polyester Tape-Aluminum Foil AL - Aluminum	100		
Outer Shield Type Outer Shield Material : Layer Number 1 2 OUTER JACKET: Outer Jacket Material OVERALL NOMINAL D	Trade Name Duobond® J DIAMETER:	Tape/Braid Type Tape Braid PVC - Polyvinyl Chloride	Bonded Aluminum Foil- Polyester Tape-Aluminum Foil AL - Aluminum	100		

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		5	1000	20	
Description	Frequency (MHz)	Start Frequency (MHz)	Stop Frequency (MHz)	Minimum Structural Return Loss (dB)	
Minimum Structural Return Loss :					
Nominal Outer Shield DC Resistance @ 20°C		4.1 Ohms/1000 ft			
Nom. Conductor DC Resistance @ 20 Deg. C		11.0 Ohms/1000 ft			
Nominal Delay		1.2 ns/ft			
Nominal Velocity of Propagation		83 %			
Nom. Inductance		.097 µH/ft			
Nom. Characteristic Impedance		75 Ohms			
ELECTRICAL CHARAC	CTERISTICS:				
Plenum (Y/N)		Ν			
PLENUM/NON-PLENUM:		C			
UL Flame Test		UL1685 UL Loading			
FLAME TEST:					
EU RoHS Compliance Date (mm/dd/yyyy):		01/01/2004			
EU RoHS Compliant (Y/N)		Yes			
EU CE Mark (Y/N)		Yes			
CEC/C(UL) Specification		СМ			
NEC/(UL) Specification		CM, CATV			
APPLICABLE STANDARDS:					
APPLICABLE SPECIFIC					
Min. Bend Radius (Install)		4.5 in.			
Max. Recommended Pulling Tension		260 lbs.			
Bulk Cable Weight		54 lbs/1000 ft.			
Non-UL Temperature Rating		80°C			

Max. Attenuation :



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Description	Frequency (MHz)	Start Frequency (MHz)	Stop Frequency (MHz)	Max. Attenuation (dB/100 ft.)
	5			0.38
	55			0.97
	211			1.81
	270			2.05
	300			2.15
	350			2.32
	400			2.47
	450			2.65
	550			2.94
	750			3.50
	870			3.84
	1000			4.23

Max. Operating Voltage - UL

600 V RMS

NOTES:

Notes

Sweep tested 5 MHz to 1 GHz.

PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
	#14 GIFHDLDPE SH PVC	1000	69	WHITE	C
	#14 GIFHDLDPE SH PVC	1000	63	BLACK	

C = CRATE REEL PUT-UP.

Revision Number: 1 Revision Date: 06-21-2005

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1523A Coax - CATV Cable

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