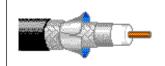


1189A Coax - Broadband CATV Coax Cable





For more information please call 1-800-Belden1

See Put-ups and Colors

Description:

18~AWG~solid~.040" bare copper-covered steel conductor, gas-injected foam polyethylene insulation, Duobond® IV quad shield (60% and 40% coverage), PVC jacket.

PHYSICAL CHARACTERISTICS:

CONDUCTOR:

Number of Coax	1
Total Number of Conductors	1
Series Type	Series 6
AWG	18
Stranding	Solid
Conductor Diameter	.040 in.
Conductor Material	BCCS - Bare Copper Covered Steel

INSULATION:

Insulation Material	Gas-injected FPE - Foam Polyethylene
Insulation Diameter	.180 in.

OUTER SHIELD:

Outer Shield Material Trade Name	Duobond® IV
Outer Shield Type	Tape/Braid/Tape/Braid

Outer Shield Material:

Layer Number	Trade Name	Туре	Material	% Coverage (%)
1	Bonded Duofoil®	Tape	Bonded Aluminum Foil- Polyester Tape-Aluminum Foil	100
2		Braid	AL - Aluminum	60
3	Duofoil®	Tape	Aluminum Foil-Polyester Tape-Aluminum Foil	100
4		Braid	AL - Aluminum	40

Outer Shield %Coverage 100 %

OUTER JACKET:

Outer Jacket Material PVC - Polyvinyl Chloride

OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter .298 in.



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MECHANICAL CHARACTERISTICS:

Operating Temperature Range	-40°C To +80°C
Bulk Cable Weight	32 lbs/1000 ft.
Max. Recommended Pulling Tension	162 lbs.
Min. Bend Radius (Install)	3 in.

APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

APPLICABLE STANDARDS:

NEC/(UL) Specification	CATV, CM
CEC/C(UL) Specification	CM
EU CE Mark (Y/N)	Yes
EU RoHS Compliant (Y/N)	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	01/01/2004

FLAME TEST:

UL Flame Test UL1685 UL Loading

SWEEP TEST:

Sweep Testing 5 MHz - 1 GHz

PLENUM/NON-PLENUM:

Plenum (Y/N) N
Plenum Number 1189AP

ELECTRICAL CHARACTERISTICS:

Nom. Characteristic Impedance	75 Ohms
Nom. Inductance	.097 μH/ft
Nom. Capacitance Conductor to Shield	16.2 pF/ft
Nominal Velocity of Propagation	83 %
Nominal Delay	1.2 ns/ft
Nom. Conductor DC Resistance @ 20 Deg. C	28.0 Ohms/1000 ft
Nominal Outer Shield DC Resistance @ 20 Deg.C	4.8 Ohms/1000 ft
Minimum Ctmustumal Datum I aga	

Minimum Structural Return Loss:

Description	Frequency (MHz)	Start Frequency (MHz)	I	Minimum Structural Return Loss (dB)
·		5	1000	20

Max. Attenuation:



1189A Coax - Broadband CATV Coax Cable

Description	Frequency (MHz)	Start Frequency (MHz)	Stop Frequency (MHz)	Max. Attenuation (dB/100 ft.)
	5			.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
1189A Q5H1000	#18 GIFHDLDPE DBL SH PVC	1000	35	WHITE, NEUTRAL	С
1189A 009U1000	#18 GIFHDLDPE DBL SH PVC	U1000	35	WHITE	
1189A 0091000	#18 GIFHDLDPE DBL SH PVC	1000	35	WHITE	С
1189A 010U1000	#18 GIFHDLDPE DBL SH PVC	U1000	35	BLACK	
1189A 0101000	#18 GIFHDLDPE DBL SH PVC	1000	35	BLACK	
1189A 2901000	#18 GIFHDLDPE DBL SH PVC	1000	35	BEIGE, LIGHT	
1189A 009U500	#18 GIFHDLDPE DBL SH PVC	U500	18	WHITE	
1189A 010U500	#18 GIFHDLDPE DBL SH PVC	U500	18.5	BLACK	

C = CRATE REEL PUT-UP.

Revision Number: 3 Revision Date: 09-07-2006

Detailed Specifications & Technical Data



1189A Coax - Broadband CATV Coax Cable

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