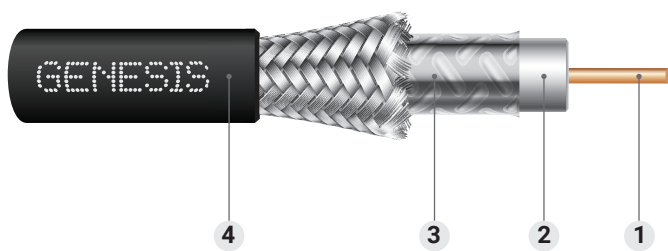


Broadband CATV Coaxial Cable General Purpose

-GENESIS-

Genesis Broadband CATV Coaxial Cables deliver exceptional signal quality and protect from interference for satellite, cable, and broadcast TV applications.



Construction

- 1. Conductor:** Solid Copper Clad Steel or Bare Copper center conductor for excellent transmission up to 3 GHz
- 2. Insulation:** Polyethylene
- 3. Shield:** Available with dual- or quad-shielding
- 4. Jacket:** PVC
Countdown® Length Markings for easy tracking of usage and remaining cable

Applications

Installed in a metal raceway that complies with 300.22(B)

Supported by solid bottom metal cable trays with solid metal covers

Within buildings in other than air-handling spaces and risers

Exposed to sunlight

Specifications

UL 1685 – General Purpose Rated

UL 1655 – Community-Antenna Television Cables, Type CATV

UL 444 – Communication Cables, Type CM

UL 13 – Power-Limited Circuit Cables, Type CL2

Sunlight Resistant Rated

REACH/RoHS Compliant

Rated for 300 Volts

Rated for -20°C to 75°C

Sample Print Legend

GENESIS P/N 5XXX RG X/U XAWG 3GHZ BROADBAND PREMIUM (ETL) XXXXXX
CATV OR CL2 OR CM C(ETL)US 75C SUN RES "RoHS" WO# XXXXXX XXXXFT CATV/SATELLITE A B C D E F 1 2 3 4 5 6 7 8 9

Broadband CATV Coaxial Cable, General Purpose

Part Number	Style	Conductors	Shield	Insulation Thickness (in)	Jacket Thickness (in)	Nominal Diameter (in)	DC Resistance (Ohms/1000ft at 20°C)	Capacitance (pF/ft)
5018	RG11	14 AWG, Copper Clad Steel	Dual: 100% Aluminum Foil 60% Aluminum Braid	0.285	0.035	0.400	12.25	16.5
5007	RG6	18 AWG, Copper Clad Steel	Quad: 100% Aluminum Foil 60% Aluminum Braid 100% Aluminum Foil 40% Aluminum Braid	0.180	0.035	0.293	31.1	16.5
5027	RG6	18 AWG, Bare Copper	Quad: 100% Aluminum Foil 60% Aluminum Braid 100% Aluminum Foil 40% Aluminum Braid	0.180	0.035	0.293	6.52	16.5
5003	RG6	18 AWG, Copper Clad Steel	Dual: 100% Aluminum Foil 60% Aluminum Braid	0.180	0.032	0.272	31.1	16.5
5304	RG6	18 AWG, Bare Copper	Dual: 100% Aluminum Foil 60% Aluminum Braid	0.180	0.032	0.272	6.52	16.5

Sweep Tested to 3 GHz. The Maximum Attenuation value at 5 MHz is for reference only

Frequency (MHz)	Maximum Attenuation (dB/100m)	Minimum SRL
5	0.65*	20
55	1.80	20
211	3.46	20
270	3.90	20
300	4.11	20
330	4.31	20
400	4.74	20
450	5.02	20
550	5.54	20
750	6.46	20
870	6.95	20
1000	7.44	20
1450	8.93	15
1750	9.80	15
2250	11.09	15
3000	12.76	15

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