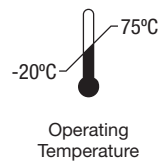


-GENESIS-

Limited-Energy Cable

Broadband CATV Coaxial Cable

GENERAL PURPOSE



APPLICATIONS

Genesis Broadband CATV Coaxial Cable delivers exceptional signal quality and protects from interference for satellite, cable, and broadcast TV.

- 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

Genesis Broadband CATV Coaxial Cable meets or exceeds the following 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

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



-GENESIS-

Limited-Energy Cable

BROADBAND CATV COAXIAL CABLE, GENERAL PURPOSE

STYLE	CONDUCTOR	SHIELDED / UNSHIELDED	NOMINAL O.D. (in.)	DC RESISTANCE (Ohms/1000ft. at 20°C)	CAPACITANCE (pF/ft.)	PRODUCT NUMBER
RG11	14 AWG CCS	Dual shield	0.400	12.25	16.5	5018
RG6	18 AWG CCS	Quad shield	0.293	31.10	16.5	5007
RG6	18 AWG BC	Quad shield	0.293	6.52	16.5	5027
RG6	18 AWG CCS	Dual shield	0.272	31.10	16.5	5003
RG6	18 AWG BC	Dual shield	0.272	6.52	16.5	5304

*CCS = Copper Clad Steel *BC = Bare Copper

SWEEP TESTED TO 3 GHZ

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

* The Maximum Attenuation value at 5 MHz is for reference only

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