Southwire®

-GENESIS-

Limited-Energy Cable

Broadband CATV Coaxial Cable

RISER

300V (max)
Operating Voltage

-20°C 75°C
Operating Temperature

Sunlight Resistant

RoHS COMPLIANT
RoHS Compliant

c ETL LISTED us
cETLus Listed

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
- In risers
- Within builings in other than air-handling spaces and risers
- Exposed to sunlight

SPECIFICATIONS

Genesis Broadband CATV Coaxial Cable meets or exceeds the following specifications:

- UL 1666 – Riser Rated
- CSA C22.2 No. 2556 – FT4 Rated
- UL 1655 – Community-Antenna Television Cables, Type CATVR
- UL 444 – Communication Cables, Type CMR
- UL 13 – Power-Limited Circuit Cables, Type CL2R

CONSTRUCTION

1. **Conductor:** Solid Copper Clad Steel 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



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BROADBAND CATV COAXIAL CABLE, RISER

STYLE	CONDUCTOR	SHIELDED / UNSHIELDED	NOMINAL O.D. (in.)	DC RESISTANCE (Ohms/1000ft. at 20ºC)	CAPACITANCE (pF/ft.)	PRODUCT NUMBER
RG6	18 AWG CCS	Quad shield	0.293	31.10	16.5	5307
RG6	18 AWG CCS	Dual shield	0.272	31.10	16.5	5303
**CCS = Copper Clad Steel*						

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 530X XXXX SHIELDED BROADBAND PREMIUM RG 6/U 18AWG 3GHZ XXXXXX (ETL) CATVR OR CL2R OR CMR C(ETL)US FT4 75C SUN RES “RoHS” WO# XXXXXX XXXXFT CATV/SATELLITE A B C D E F 1 2 3 4 5 6 7 8 9 (PAT. PENDING)

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