Southwire®

-GENESIS-

Limited-Energy Cable

Multiconductor Cable

RISER SHIELDED

300V (max) Operating Voltage

-20°C 75°C Operating Temperature

Sunlight Resistant

RoHS Compliant

cETLus Listed

APPLICATIONS

Genesis Shielded Multiconductor Cable offers a versatile solution for various applications. This shielded cable minimizes electrical noise and interference to protect sensitive signals.

WE'VE GOT IT MADE IN AMERICA™

- 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 buildings in other than air-handling spaces and risers
- Exposed to sunlight

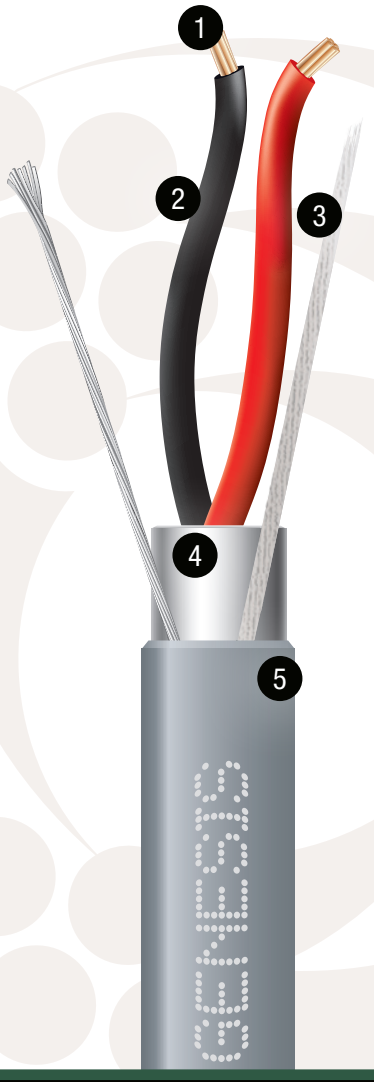
SPECIFICATIONS

Genesis Shielded Multiconductor Cable meets or exceeds the following specifications:

- UL 1666 – Riser Rated
- CSA C22.2 No. 2556 – FT4 Rated
- UL 444 – Communication Cables, Type CMR (22 AWG - 16 AWG)
- UL 1424 – Cables for Power-Limited Fire-Alarm Circuits, Type FPLR
- UL 13 – Power-Limited Circuit Cables, Type CL3R

CONSTRUCTION

1. **Conductor:** Bare copper conductors for excellent conductivity and low voltage drop
2. **Insulation:** Polypropylene
3. **Rip Cord:** Durable rip cord for efficient jacket stripping and removal
4. **Shield:** Foil shield over all conductors
5. **Jacket:** PVC, Countdown® Length Markings for easy tracking of usage and remaining cable



CONDUCTOR COLORS					
1: Black	2: Red	3: White	4: Green	5: Brown	6: Blue
7: Orange	8: Yellow	9: Purple	10: Gray	11: Pink	12: Tan

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MULTICONDUCTOR CABLE, RISER SHIELDED

AWG	NUMBER OF CONDUCTORS	SOLID / STRANDED	NOMINAL O.D. (in.)	DC RESISTANCE (Ohms/1000ft. at 20°C)	CAPACITANCE (pF/ft.)	WEIGHT (lbs./1000ft.)	PRODUCT NUMBER
22	2	7 strand	0.119	16.9	32.0	10.1	2202
22	4	7 strand	0.136	16.9	28.2	15.8	2204
22	6	7 strand	0.153	16.9	18.5	21.4	2206
22	8	7 strand	0.175	16.9	18.5	27.6	2207
22	10	7 strand	0.190	16.9	18.5	33.3	2208
22	12	7 strand	0.206	16.9	18.5	39.2	2209
18	2	19 strand	0.153	6.66	42.9	17.4	2214
18	3	19 strand	0.163	6.66	36.3	23.1	2228
18	4	19 strand	0.181	6.66	36.3	29.9	2215
18	6	19 strand	0.207	6.66	22.7	42.3	2216
18	8	19 strand	0.236	6.66	22.7	55.5	2217
18	10	19 strand	0.258	6.66	22.7	67.4	2218
18	12	19 strand	0.278	6.66	22.7	79.1	2219
16	2	19 strand	0.185	4.19	44.3	25.6	2221
16	3	19 strand	0.199	4.19	37.3	35.1	2229
16	4	19 strand	0.221	4.19	37.3	45.5	2222
14	2	19 strand	0.225	2.62	46.4	38.4	2223
14	4	19 strand	0.262	2.62	38.8	67.3	2224

SAMPLE PRINT LEGEND

GENESIS P/N 22XX XXC XXAWG SHIELDED (ETL) CL3R OR FPLR OR CMR C(ETL)US
FT4 SUN RES 75C (RoHS) W/O #XXXXXX-XXXXXX XXXX FT A B C D E F 1 2 3 4 5 6 7 8 9

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