

# COAXIAL CABLE



## 75 OHM RG 59/U COAX WITH 20 AWG CCS & 40% BRAID

### CONSTRUCTION

- Conductors: 1 – 20 AWG copper clad steel .032"
- Dielectric: 57 mil wall of foamed polyethylene to a nominal diameter of .146"
- Shield: Bonded aluminum / polyester / aluminum tape wrap for 100% shielding
- Braid: 34 AWG aluminum braid with 40% coverage
- Jacket: 34 mil black 80°C flame retardant polyvinyl chloride to a nominal diameter of .242"
- Print: White ink: RG 59/U 20 AWG TYPE CATV (UL) E179332
- Put-Up: 500 Ft Spools; Other put-ups available per special order

## RG 6/U WITH 18 AWG CCS & 45% BRAID

### CONSTRUCTION

- Conductors: 1 – 18 AWG copper clad steel .040"
- Dielectric: 71 mil wall of foamed polyethylene to a nominal diameter of .183"
- Shield: Bonded aluminum / polyester / aluminum tape wrap for 100% shielding
- Braid: 34 AWG aluminum braid with 45% coverage
- Jacket: 30 mil black 80°C flame retardant polyvinyl chloride to a nominal diameter of .269"
- Print: White ink: RG 6/U 18 AWG TYPE CATV (UL) E179332
- Put-Up: 500 Ft Spools; Other put-ups available per special order

## ELECTRICAL SPECIFICATIONS

NOMINAL ATTENUATION			
MHz	dB/100 ft.	MHz	dB/100 ft.
75 OHM RG 59/U COAX WITH 20 AWG CCS & 40% BRAID		RG 6/U WITH 18 AWG CCS & 45% BRAID	
1	.44	1	.26
10	.80	10	.80
50	1.80	50	1.46
100	2.40	100	2.05
200	3.30	200	2.83
400	4.80	400	4.15
700	6.40	700	5.60
1000	7.70	900	6.25
		1000	6.70
Impedance: 75 Ohms • Capacitance: 16.2 pF/foot Velocity of Prop.: 82%		Impedance: 75 Ohms • Capacitance: 16.2 pF/foot Velocity of Prop.: 82%	



## QUAD-SHIELD RG 6/U WITH 18 AWG CCS & 60% + 40% BRAID

### CONSTRUCTION

- Conductors: 1 – 18 AWG copper clad steel .040"
- Dielectric: 70 mil wall of foamed polyethylene to a nominal diameter of .180"
- Shield: Bonded aluminum / polyester / aluminum tape wrap
- Braid: 34 AWG aluminum braid with 60% coverage
- Shield: Aluminum / polyester / aluminum tape wrap
- Braid: 34 AWG aluminum braid with 40% coverage
- Jacket: 30 mil black 80°C polyvinyl chloride to a nominal diameter of .300"  
Rated for outdoor use and sunlight resistance
- Print: Blue ink: RG 6/U QUAD-SHIELD 18 AWG (UL) TYPE CATV OR CM OR c(UL) CM E179333 TESTED TO 3.0 GHZ. Print also includes sequential footmarks
- Put-Up: 500 Ft Spools; Other put-ups available per special order

## 75 OHM RG 6/U COAX WITH 18 AWG CCS & 60% BRAID

### CONSTRUCTION

- Conductors: 1 – 18 AWG copper clad steel .040"
- Dielectric: 71 mil wall of foamed polyethylene to a nominal diameter of .180"
- Shield: Bonded aluminum / polyester / aluminum tape wrap for 100% shielding
- Braid: 34 AWG aluminum braid with 60% coverage
- Jacket: 32 mil black 80°C flame retardant polyvinyl chloride to a nominal diameter of .270"
- Print: White ink: RG 6/U 18 AWG TYPE CATV (UL) E179332
- Put-Up: 500 Ft. Spools; Other put-ups available per special order

### ELECTRICAL SPECIFICATIONS

#### NOMINAL ATTENUATION

MHz	dB/100 ft.	MHz	dB/100 ft.
<b>QUAD-SHIELD RG 6/U WITH 18 AWG CCS &amp; 60% + 40% BRAID</b>		<b>75 OHM RG 6/U COAX WITH 18 AWG CCS &amp; 60% BRAID</b>	
5	.55	5	.55
10	.80	10	.80
50	1.46	50	1.46
100	2.05	100	2.05
400	4.15	200	2.83
700	5.60	400	4.15
900	6.25	700	5.60
1000	6.70	900	6.25
2300	11.65	1000	6.70
3000	13.15	2300	11.65
		3000	12.80
Impedance: 75 Ohms • Capacitance: 16.8 pF/foot Velocity of Prop.: 82%		Impedance: 75 Ohms • Velocity of Prop.: 82% Capacitance: 16.8 pF/foot • Sweep tested to 3.0 Ghz	