

# Coaxial Cables

## COAXIAL CABLE RG 59/U BC - 95% BC BRAID

**DESCRIPTION:**

- Conductor of solid copper wire
- Gas injected foamed polyethylene insulation
- Braid of copper wires
- Black PVC jacket

Standard lengths of 1000 ft boxes

**PROPERTIES:**

Flexible, high speed of propagation.

**SPECIFICATIONS:**

CM or CL2 ETL - c(ETL)  
 NEC 725/800 **RoHS**



Product Code	Conductor Diameter	Insulation Diameter	Overall Diameter	Braid Coverage	Net Weight Lb/kft
801426	20 AWG	0.144"	0.242"	95%	31
811428	20 AWG	0.144"	0.242"	95%	31

Impedance $\Omega$	Conductor Resistance @ 20°C $\Omega/kft$	Propagation Speed %	Nominal Capacitance pF/ft	Attenuation dB/100 ft	
				Frequency MHz	Maximum
75 $\pm$ 5	10.34	81	16	5	1.22
				55	2.06
				211	3.94
				300	4.72
				450	5.83
				550	6.47
				750	7.62
				870	8.24
				1000	8.87

\*All values are nominal, and subject to manufacturing tolerances.

## COAXIAL CABLE RG 6/U BC - 95% BC BRAID

**DESCRIPTION:**

- Conductor of solid copper wire
- Gas injected foamed polyethylene insulation
- Braid of copper wires
- Black PVC jacket

Standard stock lengths of 1000 ft boxes

**PROPERTIES:**

Flexible, high speed of propagation.

**SPECIFICATIONS:**

CM or CL2 ETL Listed  
 NEC 725/800 **RoHS**



Product Code	Conductor Diameter	Insulation Diameter	Overall Diameter	Braid Coverage	Net Weight Lb/kft
809145	18 AWG	0.180"	0.268"	95%	42

Impedance $\Omega$	Conductor Resistance @ 20°C $\Omega/kft$	Propagation Speed %	Nominal Capacitance pF/ft	Attenuation dB/100 ft	
				Frequency MHz	Maximum
75 $\pm$ 5	6.37	81	16	5	0.81
				55	1.60
				211	3.08
				300	3.70
				450	4.56
				550	5.09
				750	6.00
				870	6.50
				1000	7.00

# RG-59U - Plenum Coaxial Cables

## COAXIAL CABLE RG 59/U BC - 95% BC BRAID - PLENUM RATED



**DESCRIPTION:**

- Conductor of solid copper wire
- Foamed fluorinated ethylene propylene insulation
- Braid of copper wires
- Low Smoke White PVC jacket

Standard lengths of 1000 ft reels

**PROPERTIES:**

Flexible, high speed of propagation.

**SPECIFICATIONS:**

NEC Type CMP

**RoHS**

Product Code	Conductor Diameter	Insulation Diameter	Overall Diameter	Braid Coverage	Net Weight Lb/kft
TBD	20 AWG	0.135"	0.193"	95%	35

Impedance $\Omega$	Conductor Resistance @ 20°C $\Omega$ /kft	Propagation Speed %	Nominal Capacitance pF/ft	Attenuation dB/100 ft	
				Frequency MHz	Maximum
75	10.0	75	16.1	5	0.89
				55	1.95
				211	3.59
				300	4.27
				450	5.30
				550	5.90
				750	6.96
				870	7.54
1000	8.09				

\*All values are nominal, and subject to manufacturing tolerances.

\* Minimum order quantity required.

RoHS



# RG-6U - Plenum Coaxial Cables

## COAXIAL CABLE RG 6/U BC - 95% BC BRAID - PLENUM RATED



**DESCRIPTION:**

- Conductor of solid copper wire
- Foamed fluorinated ethylene propylene insulation
- Braid of copper wires
- Low Smoke White PVC jacket

Standard lengths of 1000 ft reels

**PROPERTIES:**

Flexible, high speed of propagation.

**SPECIFICATIONS:**

NEC Type CMP

**RoHS**

Product Code	Conductor Diameter	Insulation Diameter	Overall Diameter	Braid Coverage	Net Weight Lb/kft
TBD	18 AWG	0.170"	0.233"	95%	42

Impedance $\Omega$	Conductor Resistance @ 20°C $\Omega/kft$	Propagation Speed %	Nominal Capacitance pF/ft	Attenuation dB/100 ft	
				Frequency MHz	Maximum
75	6.4	83	16.3	5	0.67
				55	1.60
				211	2.87
				300	3.43
				450	4.26
				550	4.71
				750	5.59
				870	6.00
1000	6.54				

\* Minimum order quantity required.

# Coaxial Cables

## COAXIAL CABLE RG 11/U - 60% AL BRAID



**DESCRIPTION:**

- Conductor of copper clad steel
- Gas injected polyolefin insulation
- Polyester - aluminum foil, adhered to the insulation
- Braid of aluminum wires
- PVC jacket

**PROPERTIES:**

High speed of propagation.

**SPECIFICATIONS:**

UL-444 **RoHS**

SCTE IPS SP 001

NEC 800/825

CM or CATV ETL - c(ETL)

Standard lengths of 1000 ft reels.

Product Code	Conductor Diameter	Insulation Diameter	Overall Diameter	Braid Coverage	Net Weight Lb/kft
◆ 807520	14 AWG	0.28"	0.397"	60%	61

Impedance $\Omega$	Conductor Resistance @ 20°C $\Omega$ /kft	Propagation Speed %	Nominal Capacitance pF/ft	Attenuation dB/100 ft	
				Frequency MHz	Maximum
75	12.9	82	16	250	2.20
				500	3.19
				750	3.99
				1000	4.67
				1200	4.93
				1540	5.69
				1800	6.24
				2200	7.03

\*All values are nominal, and subject to manufacturing tolerances.

◆ Non-Stocked item, subject to minimum quantity.

# Coaxial Cables

## COAXIAL CABLE RG 11/U FILLED - 60% AL BRAID



**DESCRIPTION:**

- Conductor of copper clad steel
- Gas injected foamed polyethylene
- Polyester - aluminum foil, adhered to the insulation
- Braid of aluminum wires
- Water-block flooding compound
- Black linear low density polyethylene

**PROPERTIES:**

High speed of propagation.

**SPECIFICATIONS:**

UL-444 **RoHS**

SCTE IPS SP 001

NEC 800/825

CM or CATV ETL - c(ETL)

Standard lengths of 1000 ft or 500 ft reels.

Product Code	Conductor Diameter	Insulation Diameter	Overall Diameter	Braid Coverage	Net Weight Lb/kft
◆ TBD	14 AWG	0.28"	0.397"	60%	52

Impedance $\Omega$	Conductor Resistance @ 20°C $\Omega$ /kft	Propagation Speed %	Nominal Capacitance pF/ft	Attenuation dB/100 ft	
				Frequency MHz	Maximum
75	12.9	82	16	250	2.20
				500	3.19
				750	3.99
				1000	4.67
				1200	4.93
				1540	5.69
				1800	6.24
				2200	7.03

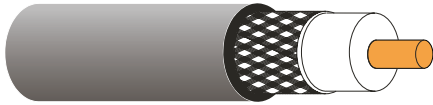
◆ Non-Stocked item, subject to minimum quantity.

RoHS



# Coaxial Cables

## COAXIAL CABLE RG 58/U - SOLID



**DESCRIPTION:**

- Conductor of bare copper
- Solid polyethylene insulation
- Braid of tinned copper wires
- PVC jacket

**PROPERTIES:**

Flexible, high speed of propagation.

**SPECIFICATIONS:**

UL-13 **RoHS**

CL2 ETL - c(ETL)

Standard lengths of 1000 ft reels

Product Code	Conductor Diameter	Insulation Diameter	Overall Diameter	Braid Coverage	Net Weight Lb/kft
◆ 809940	20 AWG	0.116"	0.195"	95%	26

◆ Non-Stocked item, subject to minimum quantity.

\*All values are nominal, and subject to manufacturing tolerances.

Impedance $\Omega$	Conductor Resistance @ 20°C $\Omega$ /kft	Propagation Speed %	Nominal Capacitance pF/ft
50 $\pm$ 5	10.34	66	30

## COAXIAL CABLE RG 6/U - 60% BRAID



**DESCRIPTION:**

- Conductor of copper clad steel
- Gas injected foamed polyethylene insulation
- Polyester - aluminum foil, adhered to the insulation
- Braid of aluminum wires
- PVC jacket
- Operating Temp: -20°C to 60°C

**PROPERTIES:**

Flexible high speed of propagation.

**SPECIFICATIONS:**

UL-444, NEC 800/820

SCTE-IPS-SP-001 **RoHS**

CM or CATV ETL - c(ETL)

Standard lengths of 1000 ft reels or boxes  
 500 ft boxes

Product Code	Conductor Diameter	Insulation Diameter	Overall Diameter	Braid Coverage	Net Weight Lb/kft
809116	18 AWG	0.139"	0.226"	60%	29.42

Impedance $\Omega$	Conductor Resistance @ 20°C $\Omega$ /kft	Propagation Speed %	Nominal Capacitance pF/ft	Attenuation dB/100 ft	
				Frequency MHz	Maximum
75 $\pm$ 3	39.04	82	16.18	5	0.81
				55	1.60
				211	3.08
				300	3.70
				450	4.58
				870	6.50
				1250	7.62
				2200	9.49
3000	11.54				

RoHS



# RG6U PVC Coaxial Cables

## COAXIAL CABLE RG 6/U - 60% BRAID



**DESCRIPTION:**

- clad steel copper conductor
- Gas injected foamed polyethylene insulation
- Polyester - aluminum foil, adhered to the insulation
- Braid of aluminum wires
- PVC jacket
- Operating Temp: -20°C to 60°C

**PROPERTIES:**

Flexible high speed of propagation.

**SPECIFICATIONS:**

UL-444, NEC 800/820

SCTE-IPS-SP-001 **RoHS**

CM or CATV ETL - c(ETL)

Standard lengths of 1000 ft reels or boxes  
500 ft boxes

Product Code	Conductor Diameter	Insulation Diameter	Overall Diameter	Braid Coverage	Net Weight Lb/kft
809116DB	18 AWG	0.139"	0.226"	60%	29.42

Impedance $\Omega$	Conductor Resistance @ 20°C $\Omega$ /kft	Propagation Speed %	Nominal Capacitance pF/ft	Attenuation dB/100 ft	
				Frequency MHz	Maximum
75 $\pm$ 3	39.04	82	16.18	5	0.81
				55	1.60
				211	3.08
				300	3.70
				450	4.58
				870	6.50
				1250	7.62
				2200	9.49
3000	11.54				



RoHS



# RG6U PVC Coaxial Cables

## COAXIAL CABLE RG 6/U - 60% BRAID



**DESCRIPTION:**

- Conductor of copper clad steel
- Gas injected foamed polyethylene insulation
- Polyester - aluminum foil, adhered to the insulation
- Aluminum braid wires, 34 AWG
- PVC jacket
- Operating Temp: -20°C to 60°C

**PROPERTIES:**

Flexible high speed of propagation.

**SPECIFICATIONS:**

SCTE 74 2011

**CERTIFICATION**

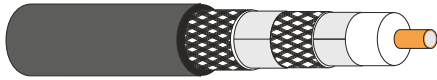
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ISO 9001:2008

Product Code	Conductor Diameter	Insulation Diameter	Overall Diameter	Braid Coverage	Net Weight Lb/kft
809116DB	18 AWG	0.139"	0.2716"	60%	29.42

Impedance $\Omega$	Conductor Resistance @ 20°C $\Omega/kft$	Propagation Speed %	Nominal Capacitance pF/ft
75 $\pm$ 3	39.04	82	16.18

# Coaxial Cables

## COAXIAL CABLE RG 6/U - QUAD SHIELD



**DESCRIPTION:**

- Conductor of copper clad steel
- Gas injected foamed polyethylene insulation
- Polyester - aluminum foil, adhered to the insulation
- Inner braid of aluminum wires
- Overlapped aluminum - polyester - aluminum foil,
- Outer braid of aluminum wires
- PVC jacket

**PROPERTIES:**

Flexible, high speed of propagation.

**SPECIFICATIONS:**

UL-444, NEC 800/820

SCTE-IPS-SP-001 **RoHS**

CM or CATV ETL - c(ETL)

Standard lengths of 1000 ft or 500 ft reels or 500 ft boxes.

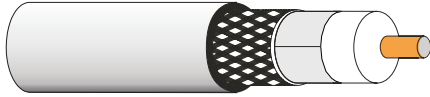
Product Code	Conductor Diameter	Insulation Diameter	Overall Diameter	Braid Coverage	Net Weight Lb/kft
801189	18 AWG	0.180"	0.291"	1st Layer: 60% 2nd Layer: 40%	30

Impedance $\Omega$	Conductor Resistance @ 20°C $\Omega$ /kft	Propagation Speed %	Nominal Capacitance pF/ft	Attenuation dB/100 ft	
				Frequency MHz	Maximum
75 $\pm$ 5	32	81	16	5	0.81
				55	1.60
				211	3.08
				300	3.70
				450	4.58
				550	5.09
				750	6.00
				870	6.50
				1000	7.00

\*All values are nominal, and subject to manufacturing tolerances.

# Coaxial Cables

## COAXIAL CABLE RG 6/U - 60% BRAID - PLENUM RATED



**DESCRIPTION:**

- Conductor of copper clad steel
- Foamed fluorinated ethylene propylene insulation
- Polyester - aluminum foil, adhered to the insulation
- Braid of aluminum wires
- Low smoke PVC jacket

**PROPERTIES:**

Flexible high speed of propagation.

**SPECIFICATIONS:**

NEC Type CMP

**RoHS**

Standard lengths of 1000 ft or 500 ft reels or boxes.

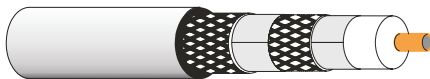
Product Code	Conductor Diameter	Insulation Diameter	Overall Diameter	Braid Coverage	Net Weight Lb/kft
TBD	18 AWG	0.170"	0.235"	60%	24

Impedance $\Omega$	Conductor Resistance @ 20°C $\Omega/kft$	Propagation Speed %	Nominal Capacitance pF/ft	Attenuation dB/100 ft	
				Frequency MHz	Maximum
75	28	83	16.3	5	0.67
				55	1.60
				211	2.87
				300	3.43
				450	4.26
				550	4.71
				750	5.59
				870	6.00
				1000	6.54

\*All values are nominal, and subject to manufacturing tolerances.

\* Minimum order quantity required.

## COAXIAL CABLE RG 6/U - QUAD SHIELD - PLENUM RATED



**DESCRIPTION:**

- Conductor of copper clad steel
- Foamed fluorinated ethylene propylene insulation
- Polyester - aluminum foil, adhered to the insulation
- Inner braid of aluminum wires
- Overlapped aluminum - polyester - aluminum foil,
- Outer braid of aluminum wires
- Low smoke PVC jacket

**PROPERTIES:**

Flexible, high speed of propagation.

**SPECIFICATIONS:**

NEC Type CMP

**RoHS**

Standard lengths of 1000 ft or 500 ft reels or 500 ft boxes.

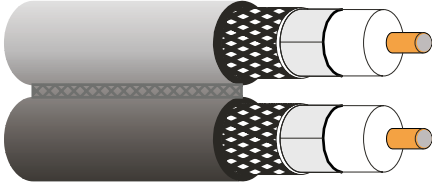
Product Code	Conductor Diameter	Insulation Diameter	Overall Diameter	Braid Coverage	Net Weight Lb/kft
TBD	18 AWG	0.170"	0.248"	1st Layer: 60% 2nd Layer: 40%	34

Impedance $\Omega$	Conductor Resistance @ 20°C $\Omega/kft$	Propagation Speed %	Nominal Capacitance pF/ft	Attenuation dB/100 ft	
				Frequency MHz	Maximum
75	28	83	16.3	5	0.67
				55	1.60
				211	2.87
				300	3.43
				450	4.26
				550	4.71
				750	5.59
				870	6.00
				1000	6.54

\* Minimum order quantity required.

# Coaxial Cables

## COAXIAL CABLE RG 6/U - 60% - SIAMESE



**DESCRIPTION:**

- Conductor of copper clad steel
- Gas injected foamed polyethylene insulation
- Polyester - aluminum foil, adhered to the insulation
- Braid of aluminum wires
- PVC jacket

**PROPERTIES:**

Flexible high speed of propagation.

**SPECIFICATIONS:**

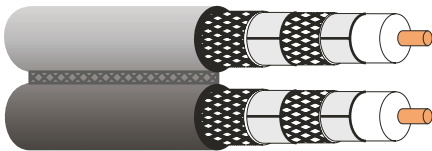
UL-444, NEC 800/820  
 SCTE-IPS-SP-001 **RoHS**  
 CM or CATV ETL - c(ETL)

Standard lengths of 1000 ft or 500 ft reels.

Product Code	Conductor Diameter	Insulation Diameter	Overall Diameter	Braid Coverage	Net Weight Lb/kft
809220	18 AWG	0.180"	(2 x) 0.264"	60%	50
Impedance $\Omega$	Conductor Resistance @ 20°C $\Omega/kft$	Propagation Speed %	Nominal Capacitance pF/ft	Attenuation dB/100 ft	
				Frequency MHz	Maximum
75 $\pm$ 5	32	81	16	5	0.81
				55	1.60
				211	3.08
				300	3.70
				450	4.58
				550	5.09
				750	6.00
				870	6.50
				1000	7.00

\*All values are nominal, and subject to manufacturing tolerances.

## COAXIAL CABLE RG 6/U - QUAD SHIELD -SIAMESE - DSS



**DESCRIPTION:**

- Conductor of copper clad steel
- Gas injected foamed polyethylene insulation
- Polyester - aluminum foil, adhered to the insulation
- Inner braid of aluminum wires
- Overlapped aluminum - polyester - aluminum foil,
- Outer braid of aluminum wires
- PVC jacket

**PROPERTIES:**

Flexible, high speed of propagation.

**SPECIFICATIONS:**

UL-444, NEC 800/820  
 SCTE-IPS-SP-001 **RoHS**  
 CM or CATV ETL - c(ETL)

Standard lengths of 1000 ft or 500 ft reels.

Product Code	Conductor Diameter	Insulation Diameter	Overall Diameter	Braid Coverage	Net Weight Lb/kft
809221	18 AWG	0.180"	(2 x) 0.291"	1st Layer: 60% 2nd Layer: 40%	70
Impedance $\Omega$	Conductor Resistance @ 20°C $\Omega/kft$	Propagation Speed %	Nominal Capacitance pF/ft	Attenuation dB/100 ft	
				Frequency MHz	Maximum
75 $\pm$ 5	6.4	83	16	1	0.70
				10	1.46
				50	1.95
				100	2.73
				200	3.80
				400	5.20
				700	5.90
				900	6.30
				1000	6.80
				1200	7.60
				1450	8.20
				1800	9.80
				2200	
				0.25	