

RG 6/U Type

Product Construction:

Conductors:

- Copper per ASTM B-3
- Copper-clad steel per ASTM B-869

Insulation/Core:

- Foam polyethylene (PE) design

Shield:

- Bare copper or aluminum braid
- Flexfoil® shield

Jacket:







- Premium PVC compound

Packaging:

- Please contact Customer Service for packaging and color options

Applications:

- Suitable for RF signal transmission
- MATV
- CATV
- CCTV†
- HDTV
- Digital video
- Drop cable
- FM broadcast
- See Coax Connector Cross Reference, pages 185-192

CATALOG NUMBER	AWG SIZE NOM. DCR	INSULATION MATERIAL		SHIELD COVERAGE NOM SHLD DCR	NOMINAL O.D.		NOMINAL CAPACITANCE		VELOCITY OF PROPAGATION, %	NOMINAL IMPEDANCE, Ω	NOMINAL ATTENUATION	
		INCHES	mm		INCHES	mm	pF/ft	pF/m			MHz	dB/100'
C5760 RG 6/U Type 	18 Ga. Solid Copper-Clad Steel 28.9 Ω/Mft.	Foam PE		100% Flexfoil® 30 Ga. CCS Spiral Served Shield 30.0 Ω/Mft.	Black PVC		16.20	53.15	85	75	1	0.26
		0.180	4.57		0.240	6.10					10	0.81
C5761† RG 6/U Type UL CL2, CATV, CM c(UL) CM 	18 Ga. Solid Bare Copper 6.5 Ω/Mft.	Foam PE		100% Flexfoil® +95% Bare Copper Braid 2.6 Ω/Mft.	Black PVC		16.20	53.15	85	75	1	0.26
		0.180	4.57		0.270	6.86					10	0.81
C5774 RG 6/U Type UL CL2, CATV, CM c(UL) CM 	18 Ga. Solid Copper-Clad Steel 28.9 Ω/Mft.	Foam PE		100% Flexfoil® Bonded +40% Aluminum Braid 10.5 Ω/Mft.	Black PVC		16.20	53.15	85	75	1	0.26
		0.177	4.50		0.267	6.78					10	0.81
C5775 RG 6/U Type UL CL2, CATV, CM c(UL) CM 	18 Ga. Solid Copper-Clad Steel 28.9 Ω/Mft.	Foam PE		100% Flexfoil® Bonded +60% Aluminum Braid 9.0 Ω/Mft.	Black PVC		16.20	53.15	85	75	1	0.26
		0.177	4.50		0.263	6.68					10	0.81
C5886 RG 6/U Type Riser UL CL2R, CATVR, CMR c(UL) CMR 	18 Ga. Solid Copper-Clad Steel 28.9 Ω/Mft.	Foam PE		100% Flexfoil® Bonded +60% Aluminum Braid 9.0 Ω/Mft.	Black PVC		16.20	53.15	85	75	1	0.26
		0.177	4.50		0.263	6.68					10	0.81
C5776 RG 6/U Type UL CL2, CATV, CM c(UL) CM 	18 Ga. Solid Copper-Clad Steel 28.9 Ω/Mft.	Foam PE		100% Flexfoil® Bonded +95% Aluminum Braid 10.5 Ω/Mft.	Black PVC		16.20	53.15	85	75	1	0.26
		0.177	4.50		0.267	6.78					10	0.81

RG 6/U Type

Product Construction:

Conductors:

- Copper-clad steel per ASTM B-869

Insulation/Core:

- Solid and foam polyethylene (PE) designs

Shield:

- Tinned, bare copper or aluminum braid
- Flexfoil® shield

Jacket:

- Premium PVC compound or PE compound

Packaging:

- Please contact Customer Service for packaging and color options

Applications:

- CATV
- MATV
- HDTV
- Digital video
- Direct burial
- See Coax Connector Cross Reference, pages 185-192








CATALOG NUMBER	AWG SIZE NOM. DCR	INSULATION MATERIAL		SHIELD COVERAGE NOM SHLD DCR	NOMINAL O.D.		NOMINAL CAPACITANCE		VELOCITY OF PROPAGATION, %	NOMINAL IMPEDANCE, Ω	NOMINAL ATTENUATION	
		INCHES	mm		INCHES	mm	pF/ft	pF/m			MHz	dB/100'
C5888 RG 6/U Type Riser UL CL2R, CATVR, CMR c(UL) CMR 	18 Ga. Solid Copper-Clad Steel 28.9 Ω/Mft.	Foam PE		100% Flexfoil® Bonded +95% Aluminum Braid 6.3 Ω/Mft.	Black PVC		16.20	53.15	85	75	1	0.26
		0.177	4.50		0.267	6.78					10	0.81
C5785 RG 6/U Type Quad-Shield UL CL2, CATV, CM c(UL) CM 	18 Ga. Solid Copper-Clad Steel 28.9 Ω/Mft.	Foam PE		(2) 100% Flexfoil® 1st Bonded (1) 60% (2) 40% Aluminum Braids 3.7 Ω/Mft.	Black PVC		16.20	53.15	85	75	1	0.26
		0.177	4.50		0.292	7.42					10	0.81
C5889 RG 6/U Type Riser Quad-Shield UL CL2R, CATVR, CMR c(UL) CM 	18 Ga. Solid Copper-Clad Steel 28.9 Ω/Mft.	Foam PE		(2) 100% Flexfoil® 1st Bonded (1) 60% (2) 40% Aluminum Braids 3.7 Ω/Mft.	Black PVC		16.20	53.15	85	75	1	0.26
		0.177	4.50		0.292	7.42					10	0.81
C5777 RG 6/U Type UL CL2, CATV, CM c(UL) CM 	18 Ga. Solid Copper-Clad Steel 28.9 Ω/Mft.	Foam PE		100% Flexfoil® Bonded +61% Tinned Copper Braid 6.5 Ω/Mft.	Black PVC		16.20	53.15	85	75	1	0.26
		0.177	4.50		0.267	6.78					10	0.81
C5802 RG 6/U Type Messengered, Self-Supporting 	18 Ga. Solid Copper-Clad Steel 28.9 Ω/Mft.	Foam PE		100% Flexfoil® Bonded +60% Aluminum Braid 9.0 Ω/Mft.	Black PVC		16.20	53.15	85	75	1	0.26
		0.180	4.57		0.270	6.86					10	0.81
C5804 RG 6/U Type MoistureGuard™ Direct Burial, Flooded  FlexFill®	18 Ga. Solid Copper-Clad Steel 28.9 Ω/Mft.	Foam PE		100% Flexfoil® Bonded +60% Aluminum Braid w/water block 9.0 Ω/Mft.	Black PE		16.20	53.15	85	75	1	0.26
		0.180	4.57		0.270	6.86					10	0.81
C5810 RG 6/U Type Special Applications MATV Cable 	21 Ga. Solid Copper-Clad Steel 32.0 Ω/Mft.	Solid PE		(2) Bare Copper 95% Braids 1.1 Ω/Mft.	Black PE		20.50	67.26	66	75	1	0.40
		0.185	4.70		0.332	8.43					10	0.80

Figure 8. Contains .051" galvanized steel messenger wire.

RG 6/U Type

Product Construction:

Conductors:

- Copper per ASTM B-3
- Copper-clad steel per ASTM B-869

Insulation/Core:

- Foam polyethylene (PE) design

Shield:

- Tinned copper or aluminum braid
- Flexfoil® shield

Jacket:







- Premium PVC compound

Packaging:

- Please contact Customer Service for packaging and color options

Applications:

- LAN cable
- HDTV
- Digital video
- Direct broadcast satellite
- See Coax Connector Cross Reference, pages 185-192

CATALOG NUMBER	AWG SIZE NOM. DCR	INSULATION MATERIAL		SHIELD COVERAGE NOM SHLD DCR	NOMINAL O.D.		NOMINAL CAPACITANCE		VELOCITY OF PROPAGATION, %	NOMINAL IMPEDANCE, Ω	NOMINAL ATTENUATION	
		INCHES	mm		INCHES	mm	pF/ft	pF/m			MHz	dB/100'
C5812 RG 6/U Type LAN Cable IEEE 802.4 MA Type UL CL2, CATV, CM c(UL) CM 	18 Ga. Solid Copper-Clad Steel 28.9 Ω/Mft.	Foam PE		100% Flexfoil® Bonded +77% Aluminum Braid 100% Flexfoil® 5.4 Ω/Mft.	Black PVC		16.20	53.15	85	75	1	0.26
		0.177	4.50		0.290	7.37					10	0.81
C5814 RG 6/U Type Digital Video/HDTV UL CL2, CATV, CM c(UL) CM 	18 Ga. Solid Bare Copper 6.5 Ω/Mft.	Foam PE		100% Flexfoil® +95% Tinned Copper Braid 2.7 Ω/Mft.	Black PVC		16.20	53.15	85	75	1	0.20
		0.180	4.57		0.270	6.86					10	0.72
C5822 RG 6/U Dual-Type DBS UL CL2, CATV, CM c(UL) CM 	18 Ga. Solid Copper-Clad Steel 28.9 Ω/Mft.	Foam PE		100% Flexfoil® Bonded +60% Aluminum Braid 9.0 Ω/Mft.	Black PVC		16.20	53.15	85	75	1	0.26
		0.180	4.57		0.267	6.86					10	0.81
C5890 RG 6/U Dual-Type DBS Riser UL CL2R, CATVR, CMR c(UL) CMR 	18 Ga. Solid Copper-Clad Steel 28.9 Ω/Mft.	Foam PE		100% Flexfoil® Bonded +60% Aluminum Braid 9.0 Ω/Mft.	Black PVC		16.20	53.15	85	75	1	0.26
		0.180	4.57		0.270	6.86					10	0.81
C5824 RG 6/U Type DBS w/Ground UL CL2, CATV, CM c(UL) CM  Contains 17 AWG (.045") CCS ground wire	18 Ga. Solid Bare Copper 6.5 Ω/Mft.	Foam PE		100% Flexfoil® Bonded +60% Aluminum Braid 9.0 Ω/Mft.	Black PVC		16.20	53.15	85	75	1	0.26
		0.180	4.57		0.270	6.86					10	0.81
C5826 RG 6/U Dual-Type BS w/Ground UL CL2, CATV, CM c(UL) CM  Contains 17 AWG (.045") CCS ground wire	18 Ga. Solid Bare Copper 6.5 Ω/Mft.	Foam PE		100% Flexfoil® Bonded +60% Aluminum Braid 9.0 Ω/Mft.	Black PVC		16.20	53.15	85	75	1	0.26
		0.180	4.57		0.270	6.86					10	0.81



RG 6/U Type

Product Construction:

Conductors:

- Copper per ASTM B-3 or copper-clad steel per ASTM B-869
- Twisted pair color code: black and red

Insulation/Core:

- Foam polyethylene (PE) design
- Foam fluoropolymer (FEP) design

Shield:

- Tinned copper or aluminum braid
- Flexfoil® shield

Jacket:








- Premium-grade PVC compound

Packaging:

- Please contact Customer Service for packaging and color options

Applications:

- Suitable for RF signal transmission
- CATV
- CCTV†
- DBS
- Drop cable
- FM broadcast
- HDTV
- Digital video
- See Coax Connector Cross Reference, pages 185-192

CATALOG NUMBER	AWG SIZE NOM. DCR	INSULATION MATERIAL		SHIELD COVERAGE NOM SHLD DCR	NOMINAL O.D.		NOMINAL CAPACITANCE		VELOCITY OF PROPAGATION, %	NOMINAL IMPEDANCE, Ω	NOMINAL ATTENUATION		
		INCHES	mm		INCHES	mm	pF/ft	pF/m			MHz	dB/100'	
C5778 RG 6/U Type UL CL2, CATV, CM c(UL) CM 	18 Ga. Solid Bare Copper 6.5 Ω/Mft.	Foam PE		100% Flexfoil® Bonded +61% Tinned Copper Braid 6.5 Ω/Mft.	Black PVC		16.20	53.15	85	75	1	0.26	
		0.177	4.50		0.267	6.78					10	0.81	
C3523 RG 6/U Type Plenum UL CL2P, CMP c(UL) CMP 	18 Ga. Solid Bare Copper 6.5 Ω/Mft.	Fluoropolymer		100% Flexfoil® +61% Tinned Copper Braid 2.3 Ω/Mft.	Flexguard® PVC Natural		16.40	52.50	86	75	1	0.30	
		0.170	4.32		0.226	5.74					10	0.66	
C3521 RG 6/U Type Plenum UL CL2P, CMP c(UL) CMP 	18 Ga. Solid Bare Copper 6.5 Ω/Mft.	Fluoropolymer		100% Flexfoil® +95% Tinned Copper Braid 2.3 Ω/Mft.	Flexguard® PVC Natural		16.00	52.50	86	75	1	0.30	
		0.170	4.32		0.233	5.92					10	0.66	
C3524 RG 6/U Type Plenum UL CL2P, CMP c(UL) CMP 	18 Ga. Solid Copper-Clad Steel 28.6 Ω/Mft.	Fluoropolymer		100% Flexfoil® +60% Aluminum Braid 9.0 Ω/Mft.	Flexguard® PVC Natural		16.00	52.50	86	75	1	0.30	
		0.170	4.32		0.226	5.74					10	0.66	
C3525 RG 6/U Type Quad Shield Plenum UL CL2P, CMP c(UL) CMP 	18 Ga. Solid Copper-Clad Steel 28.6 Ω/Mft.	Fluoropolymer		(2) 100% Flexfoil® (1) 60% (2) 40% Aluminum Braids 5.3 Ω/Mft.	Flexguard® PVC Natural		16.00	52.50	86	75	1	0.30	
		0.170	4.32		0.226	5.74					10	0.66	
C8029† RG 6/U Type +18 AWG Unshielded Pair UL CL2, CATV, CM c(UL) CM 	18 Ga. Solid Bare Copper Coax 18 AWG (7/26) Unshielded Pair	Foam PE		100% Flexfoil® 95% Tinned Copper Braid 1.9 Ω/Mft.	Black PVC		16.20	53.15	85	75	1	0.20	
		0.177	4.50		0.270	6.86					10	0.72	
		Premium PVC			x	x					100	1.48	
C8031† RG 6/U Type +18 AWG Unshielded Pair UL CMP c(UL) CMP 	18 AWG Solid Bare Copper Coax 18 AWG (7/26) Unshielded Pair	Fluoropolymer		95% Bare Copper Braid 3.5 Ω/Mft.	Natural PVC		16.30	53.48	86	75	1	0.30	
		0.170	0.432		0.232	5.89					10	0.66	
		Halar			x	x					100	1.50	
		0.006	0.15	0.416	10.57	100	2.10	200	3.10	500	5.00	1000	7.30

RG 6/U Type

Product Construction:

Conductors:

- Copper per ASTM B-3

Insulation/Core:

- Foam polyethylene (PE) design
- Foam fluoropolymer (FEP) design

Shield:

- Bare or tinned copper aluminum braid
- Flexfoil® shield

Jacket:





- Premium-grade PVC compound or premium-grade fluoropolymer

Packaging:

- Please contact Customer Service for packaging and color options

Applications:

- Broadcast grade headend
- Serial Digital Interface (SDI)
- CATV
- CCTV†
- DBS
- Drop cable
- HDTV
- Digital video
- See Coax Connector Cross Reference, pages 185-192

CATALOG NUMBER	AWG SIZE NOM. DCR	INSULATION MATERIAL		SHIELD COVERAGE NOM SHLD DCR	NOMINAL O.D.		NOMINAL CAPACITANCE		VELOCITY OF PROPAGATION, %	NOMINAL IMPEDANCE, Ω	NOMINAL ATTENUATION	
		INCHES	mm		INCHES	mm	pF/ft	pF/m			MHz	dB/100'
395014 RG 6/U Type Quad Shield UL CMR c(UL) CMG 	18 Ga. Solid Bare Copper 6.5 Ω/Mft.	Foam PE		(2) 100% Flexfoil® 1st Bonded (1) 60% (2) 40% Aluminum Braids 5.3 Ω/Mft.	Flame-Retardant PVC		16.20	53.20	83	75	1	0.21
		0.180	4.57		0.305	7.75					10	0.76
395011 UL CMR c(UL) CMG 	18 Ga. Solid Bare Copper 6.5 Ω/Mft.	Foam PE		Dual Foil + 95% Tinned Copper Braid Shield 2.8 Ω/Mft.	Flame-Retardant PVC		16.20	53.10	83	75	1	0.24
		0.180	4.57		0.272	6.91					3.6	0.45
495024 RG 6/U Type Quad Shield UL CMP c(UL) CMP 	18 Ga. Solid Bare Copper 6.5 Ω/Mft.	Fluoropolymer		(2) 100% Flexfoil® (1) 60% (2) 40% Aluminum Braids 5.3 Ω/Mft.	Flexguard® PVC Natural		15.50	50.80	84	75	1	0.26
		0.170	4.32		0.264	6.71					10	0.70
395056† RG 6/U Type UL CM c(UL) CMG 	18 Ga. Solid Bare Copper 6.7 Ω/Mft.	Foam PE		95% Bare Copper Braid 2.0 Ω/Mft.	Flame-Retardant PVC		16.30	53.40	83	75	1	0.19
		0.180	4.57		0.272	6.91					10	0.65

RG 6/U Precision, Riser, Plenum Rated

Product Construction:

Conductors:

- Copper per ASTM B-3

Insulation/Core:

- Foam polyethylene (PE) design
- Foam fluoropolymer (FEP) design

Shield:

- Bare or tinned copper aluminum braid
- Flexfoil® shield

Jacket:




- Premium-grade PVC compound or premium-grade fluoropolymer

Packaging:

- Please contact Customer Service for packaging and color options

Applications:

- Broadcast grade headend
- Serial Digital Interface (SDI)
- CATV
- CCTV†
- DBS
- Drop cable
- HDTV
- Digital video
- See Coax Connector Cross Reference, pages 185-192

CATALOG NUMBER	AWG SIZE NOM. DCR	INSULATION MATERIAL		SHIELD COVERAGE NOM SHLD DCR	NOMINAL O.D.		NOMINAL CAPACITANCE		VELOCITY OF PROPAGATION, %	NOMINAL IMPEDANCE, Ω	NOMINAL ATTENUATION	
		INCHES	mm		INCHES	mm	pF/ft	pF/m			MHz	dB/100'
495035† UL CMP c(UL) CMG 	18 Ga. Solid Bare Copper 6.7 Ω/Mft.	Fluoropolymer		95% Bare Copper Braid 2.0 Ω/Mft.	Plenum PVC		16.20	52.50	84	75	1	0.21
		0.170	4.32		0.237	6.02					10	0.65
495036† UL CMP c(UL) CMG 	18 Ga. Solid Bare Copper 6.7 Ω/Mft.	Fluoropolymer		95% Bare Copper Braid 2.0 Ω/Mft.	PVDF		16.10	53.00	84	75	1	0.21
		0.170	4.32		0.237	6.02					10	0.65
495025 UL CMP c(UL) CMP 	18 Ga. Solid Bare Copper 6.5 Ω/Mft.	Fluoropolymer		Dual Foil + 95% Tinned Copper Braid Shield 2.8 Ω/Mft.	Plenum PVC		16.10	53.00	84	75	1	0.24
		0.170	4.32		0.237	6.02					3.6	0.45
											135	2.40
											270	2.75
											540	4.00
											1500	6.36
											2250	11.60
											3000	13.70

RG 6/U Multi-Channel Digital/Precision, Riser Rated

75 Ohm High-End Coaxial Cables for Exacting Video, Analog, Digital & Monitor Applications

Product Construction:

Conductors:

- Copper per ASTM B-3

Insulation/Core:

- Foam polyethylene (PE) design

Shield:

- Dual Flexfoil® shield
- Tinned copper braid

Jacket:




- Outer jacket: black matte finish thermoplastic elastomer (TPE)
- Inner jacket: flame-retardant PVC

Packaging:

- Please contact Customer Service for packaging and color options

Applications:

- Analog/Digital Video Broadcast-Grade Monitor
- HDTV
- See Coax Connector Cross Reference, pages 185-192

CATALOG NUMBER	AWG SIZE NOM. DCR	INSULATION MATERIAL		SHIELD COVERAGE NOM SHLD DCR	NOMINAL O.D.		NOMINAL CAPACITANCE		VELOCITY OF PROPAGATION, %	NOMINAL IMPEDANCE, Ω	NOMINAL ATTENUATION		
		INCHES	mm		INCHES	mm	pF/ft	pF/m			MHz	dB/100'	
395011-3 UL CMR c(UL) CMG 	18 Ga. 3/Cond. Solid Bare Copper 6.5 Ω/Mft.	Foam PE		Bi-Metal Foil + 95% Tinned Copper Braid Shield (2.8 Ohm)	Inner: Flame-Retardant PVC Outer: TPE matte		16.20	53.20	83	75	1	0.24	
		0.180	4.57		0.685	17.40					3.6	0.45	71.5
395011-4 UL CMR c(UL) CMG 	18 Ga. 4/Cond. Solid Bare Copper 6.5 Ω/Mft.	Foam PE		Bi-Metal Foil + 95% Tinned Copper Braid Shield (2.8 Ohm)	Inner: Flame-Retardant PVC Outer: TPE matte		16.20	53.20	83	75	1	0.24	
		0.180	4.57		0.755	19.18					3.6	0.45	71.5
395011-5 UL CMR c(UL) CMG 	18 Ga. 5/Cond. Solid Bare Copper 6.5 Ω/Mft.	Foam PE		Bi-Metal Foil + 95% Tinned Copper Braid Shield (2.8 Ohm)	Inner: Flame-Retardant PVC Outer: TPE matte		16.20	53.20	83	75	1	0.24	
		0.180	4.57		0.860	21.85					3.6	0.45	71.5