

# RG 6/U Type

**Product Construction:**

**Conductors:**

- Copper per ASTM B3

**Insulation/Core:**

- Foam polyethylene (PE)

**Shield:**

- Tinned copper braid
- Flexfoil® shield

**Jacket:**






- Premium-grade PVC compound
- Flexguard® PVC compound or PVDF

**Packaging:**

- Please contact Customer Service for packaging and color options

**Applications:**

- Broadcast grade headend
- Serial Digital Interface (SDI)
- CATV
- DBS
- Drop cable
- HDTV
- CCTV†
- Digital video

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'
<b>395011</b> <b>UL CMR</b> <b>c(UL) CMG</b> 	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		0.275	6.91					3.6	0.45
<b>495035†</b> <b>UL CMP</b> <b>c(UL) CMP</b> <b>75°C</b> 	18 Ga. Solid Bare Copper 6.7 Ω/Mft.	Fluoropolymer		95% Bare Copper Braid 2.0 Ω/Mft.	Flexguard® PVC		16.20	52.50	83	75	1	0.21
		0.170	4.32		0.232	5.89					10	0.65
<b>495036†</b> <b>UL CMP</b> <b>c(UL) CMP</b> <b>105°C</b> 	18 Ga. Solid Bare Copper 6.7 Ω/Mft.	Fluoropolymer		95% Bare Copper Braid 2.0 Ω/Mft.	PVDF		16.10	53.00	83	75	1	0.21
		0.170	4.32		0.232	5.89					10	0.65
<b>495025</b> <b>UL CMP</b> <b>c(UL) CMP</b> 	18 Ga. Solid Bare Copper 6.5 Ω/Mft.	Fluoropolymer		Dual Foil + 95% Tinned Copper Braid Shield 2.8 Ω/Mft.	Flexguard® PVC		16.10	53.00	83	75	1	0.24
		0.170	4.32		0.227	5.77					3.6	0.45
<b>C3531</b> <b>UL CMP, CL2P, 75°C</b> 	18 Ga. Solid Bare Copper 28.9 Ω/Mft.	Fluoropolymer		Dual Foil + 77% Aluminum Braid Shield 5.0 Ω/Mft.	Flexguard® PVC		15.5	51.02	83	75	1	0.35
		0.170	4.32		0.238	6.05					10	0.66

Data subject to change.

