

# RG 11/U Type

### Product Construction:

#### Conductors:

- Copper per ASTM B-3
- 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:

- Suitable for RF signal transmission
- Broadcast digital video
- MATV
- CATV†
- Drop cable
- HDTV
- CCTV
- See Coax Connector Cross Reference, pages 192-199

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>C1160</b> <b>RG 11/U Type</b> <b>JAN-C-17A Type</b> 	18 Ga. (7/26) Tinned Copper 6.1 Ω/Mft.	Solid PE		95% Bare Copper Braid 1.2 Ω/Mft.	Black PVC		20.50	67.26	66	75	1	0.20											
		0.285	6.55		0.400	10.16					10	0.70	50	1.30	100	2.00	200	2.90	500	4.70	1000	7.10	
<b>C5011†</b> <b>RG 11/U Type</b> <b>UL CL2, CATV, CM</b> <b>c(UL) CM</b> 	14 Ga. Solid Bare Copper 2.5 Ω/Mft.	Foam PE		100% Flexfoil® +95% Bare Copper Braid 1.2 Ω/Mft.	Black PVC		16.20	53.15	85	75	1	0.13											
		0.280	7.11		0.395	10.03					10	0.40	50	0.90	100	1.30	200	1.90	500	3.00	1000	4.40	1450
<b>C5025</b> <b>RG 11/U Type</b> 	14 Ga. Solid Copper-Clad Steel 11.4 Ω/Mft.	Foam PE		97% Bare Copper Braid 1.2 Ω/Mft.	Black PE		16.20	53.15	83	75	1	0.30											
		0.285	7.24		0.405	10.29					10	0.70	50	1.00	100	1.50	200	2.20	500	3.70	1000	5.30	1450
<b>C5029</b> <b>RG 11/U Type</b> <b>UL CL2, CM</b> <b>c(UL) CM</b> 	14 Ga. Solid Copper-Clad Steel 11.4 Ω/Mft.	Foam PE		100% Flexfoil® Bonded +61% Tinned Copper Braid 3.0 Ω/Mft.	Black PVC		16.20	53.15	85	75	1	0.30											
		0.280	7.11		0.395	10.03					10	0.70	50	0.90	100	1.30	200	1.90	500	3.00	1000	4.40	1450
<b>C5034</b> <b>RG 11/U Type</b> <b>1354</b> 	14 Ga. Solid Copper-Clad Steel 11.4 Ω/Mft.	Foam PE		100% Flexfoil® Bonded +40% Aluminum Braid 5.3 Ω/Mft.	Black PVC		16.20	53.15	85	75	1	0.30											
		0.280	7.11		0.395	10.03					10	0.70	50	0.90	100	1.30	200	1.90	500	3.00	1000	4.40	

# RG 11/U Type

**Product Construction:**

**Conductor:**

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

**Insulation/Core:**

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

**Shield:**

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

**Jacket:**




- Premium PVC compound, Flexguard® or PE compound

**Packaging:**

- Please contact Customer Service for packaging and color options

**Applications:**

- Suitable for RF signal transmission
- Broadcast digital video
- MATV
- CATV
- Drop cable
- HDTV
- Direct burial
- See Coax Connector Cross Reference, pages 192-199

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>C5039</b> RG 11/U Type UL CL2, CATV, CM CSA CMG 1354 	14 Ga. Solid Copper-Clad Steel 11.4 Ω/Mft.	Foam PE		100% Flexfoil® Bonded +60% Aluminum Braid 4.6 Ω/Mft.	Black PVC		16.20	53.15	85	75	1	0.30											
		0.280	7.11		0.395	10.03					10	0.70	50	0.90	100	1.30	200	1.90	500	3.00	1000	4.40	1450
<b>C5044</b> RG 11/U Type Quad-Shield UL CL2, CATV, CM CSA CMG 1354 	14 Ga. Solid Copper-Clad Steel 11.4 Ω/Mft.	Foam PE		(2) 100% Flexfoil® 1st Bonded (1) 61% (2) 40% Aluminum Braids 3.4 Ω/Mft.	Black PVC		16.20	53.15	85	75	1	0.30											
		0.280	7.11		0.405	10.29					10	0.70	50	0.90	100	1.30	200	1.90	500	3.00	1000	4.40	1450
<b>C3528</b> RG 11/U Type Plenum UL CL2P, CMP c(UL) CMP CATVP 	14 Ga. Solid Copper-Clad Steel 11.4 Ω/Mft.	Fluoropolymer		100% Flexfoil® +60% Aluminum Braids 4.6 Ω/Mft.	PVDF Jacket		16.00	52.50	82	75	1	0.15											
		0.280	7.11		0.351	8.92					10	0.47	50	1.09	100	1.49	200	2.35	500	3.94	1000	6.19	1450

# RG 11/U Type

**Product Construction:**

**Conductor:**

- Stranded or solid copper per ASTM B-3
- Copper-clad steel per ASTM B-869

**Insulation/Core:**

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

**Shield:**

- Bare copper or aluminum braid
- Flexfoil® shield

**Jacket:**



- Premium fluoropolymer compound or premium polyethylene (PE) compound

**Packaging:**

- Please contact Customer Service for packaging and color options

**Applications:**

- Suitable for RF signal transmission
- Broadcast/digital video
- MATV
- CATV
- Drop cable
- HDTV
- Direct burial
- See Coax Connector Cross Reference, pages 192-199

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>C3529</b> RG 11/U Type Quad-Shield Plenum UL CL2P, CMP c(UL) CMP CATVP 	14 Ga. Solid Copper-Clad Steel 11.4 Ω/Mft.	Fluoropolymer		(2) 100% Flexfoil® (1) 60% (2) 40% Aluminum Braids 3.4 Ω/Mft.	PVDF Jacket		16.00	52.50	82	75	1	0.15
		0.280	7.11		0.372	9.45					10	0.47
<b>C5043</b> RG 11/U Type MoistureGuard™ Direct Burial, Flooded 	14 Ga. Solid Copper-Clad Steel 11.4 Ω/Mft.	Foam PE		100% Flexfoil® Bonded +60% Aluminum Braid w/water block 5.3 Ω/Mft.	Black PE		16.20	53.15	85	75	1	0.30
		0.280	7.11		0.395	10.03					10	0.70
											50	1.09
											100	1.49
											200	2.35
											500	3.94
											1000	6.19
											1450	7.45
											1800	8.30
											2200	9.18

# RG 11/U Type Serial Digital Interface (SDI) Precision Cable

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

### Product Construction:

#### Conductor:

- Copper per ASTM B-3

#### Insulation/Core:

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

#### Shield:

- Bare copper or tinned copper
- Flexfoil® shield

### Jacket:






- Premium PVC compound or fluoropolymer

### Packaging:

- Please contact Customer Service for packaging and color options

### Applications:

- Suitable for RF signal transmission
- Broadcast-grade Serial Digital Interface (SDI)
- Analog/digital video
- MATV
- CATV
- CCTV†
- Drop cable
- HDTV
- See Coax Connector Cross Reference, pages 192-199

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'
395058† RG 11/U Type UL CM c(UL) CMG 	14 Ga. Solid Bare Copper 2.6 Ω/Mft.	Foam PE		95% Bare Copper Braid 1.2 Ω/Mft.	Flame-Retardant PVC		16.20	52.50	84	75	1	0.17
		0.285	7.24		0.405	10.29					10	0.35
395029 RG 11/U Type UL CMR c(UL) CMG 	14 Ga. Solid Bare Copper 2.6 Ω/Mft.	Foam PE		Dual Flexfoil® + 95% Tinned Copper Braid 1.5 Ω/Mft.	Flame-Retardant PVC		16.20	53.10	83	75	1	0.15
		0.280	7.11		0.405	10.29					3.6	0.28
495015† RG 11/U Type UL CMP c(UL) CMP 	14 Ga. Solid Bare Copper 2.6 Ω/Mft.	Fluoropolymer		95% Bare Copper Braid 1.2 Ω/Mft.	PVDF		16.20	52.50	84	75	1	0.17
		0.280	7.11		0.351	8.92					10	0.35
495016† RG 11/U Type UL CMP c(UL) CMP 	14 Ga. Solid Bare Copper 2.6 Ω/Mft.	Fluoropolymer		Dual Flexfoil® + 60% AL Braid 3.0 Ω/Mft.	PVDF		16.20	53.10	84	75	1	0.15
		0.280	7.11		0.351	8.92					10	0.40
495027 RG 11/U Type UL CMP c(UL) CMP 	14 Ga. Solid Bare Copper 2.6 Ω/Mft.	Fluoropolymer		Dual Flexfoil® + 95% Tinned Copper Braid Shield 1.5 Ω/Mft.	PVDF		16.20	53.10	84	75	1	0.12
		0.280	7.11		0.348	8.84					3.6	0.24