

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 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'
C1160 RG 11/U Type JAN-C-17A Type 	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
C5011† RG 11/U Type UL CL2, CATV, CM c(UL) CM 	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	50	1.30
		0.280	7.11		0.395	10.03					100	2.00
C5025 RG 11/U Type 	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	100	2.90
		0.285	7.24		0.405	10.29					500	4.70
C5029 RG 11/U Type UL CL2, CM c(UL) CM 	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	1000	7.10
		0.280	7.11		0.395	10.03					10	0.70
C5033 RG 11/U Type UL CL2, CM c(UL) CM 	14 Ga. Solid Bare Copper 2.5 Ω/Mft.	Foam PE		100% Flexfoil® Bonded +61% Tinned Copper Braid 3.0 Ω/Mft.	Black PE		16.20	53.15	83	75	50	0.90
		0.280	7.11		0.395	10.03					100	1.30
C5034 RG 11/U Type 1354 	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	100	1.30
		0.280	7.11		0.395	10.03					500	3.00

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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 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'											
C5039 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	5.30											
											1800	5.90											
											2200	6.53											
											3000	7.62											
											C5044 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	5.30											
											1800	5.90											
											2200	6.53											
											3000	7.62											
											395028 RG 11/U Type UL CM c(UL) CMG 	14 Ga. Solid Bare Copper 2.6 Ω/Mft.	Foam PE		Inner: 95% BC Braid 1.6 Ω/Mft. Outer: 95% BC Braid 1.6 Ω/Mft.	Inner: PVC Outer: Flame-Retardant PVC		16.00	52.50	83	75	1	0.14
													0.285	7.24		0.475	12.07					10	0.45
50	0.92																						
											100	1.30											
											200	1.84											
											400	2.60											
											540	3.02											
											1000	4.50											
											2250	6.75											
											3000	7.79											
											395042 RG 11/U Type UL CM c(UL) CMG 	14 Ga. Stranded (19/27) Bare Copper 3.0 Ω/Mft.	Foam PE		Inner: 95% BC Braid 1.6 Ω/Mft. Outer: 95% BC Braid 1.6 Ω/Mft.	Inner: TPE Outer: Flame-Retardant PVC		16.50	54.10	78	75	1	0.14
													0.314	7.98		0.520	13.21					10	0.45
																						50	1.00
											100	1.44											
											200	2.11											
											400	3.07											
											540	3.57											
											1000	5.27											
											2250	7.91											
											3000	9.13											
											C5027 RG 11/U Triaxial Type 	14 Ga. Solid Copper-Clad Steel 11.4 Ω/Mft.	Foam PE		(2) Bare Copper 97% braids w/Black PE Wall Separator 1.6 Ω/Mft.	Black PE		16.20	53.15	83	75	1	0.20
													0.285	7.24		0.475	12.07					10	0.50
																						50	1.00
											100	1.50											
											200	2.20											
											500	3.70											
											1000	5.30											
											C3528 RG 11/U Type Plenum UL CL2P, CMP c(UL) CMP 	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	7.45																						
1800	8.30																						
2200	9.18																						

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:

- Outer jacket: premium PVC compound, fluoropolymer or low density PE
- Inner jacket: premium PVC, TPE or low density PE

Packaging:

- Please contact Customer Service for packaging and color options

Applications:

- Suitable for RF signal transmission
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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'
C3529 RG 11/U Type Quad-Shield Plenum UL CL2P, CMP c(UL) CMP 	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
495017 RG 11/U Type Quad Shield Plenum UL CMP c(UL) CMP 	14 Ga. Solid Bare Copper 2.6 Ω /Mft.	Fluoropolymer		(2) 100% Flexfoil® (1) 60% (2) 40% Aluminum Braids 3.4 Ω /Mft.	PVDF Jacket		16.00	52.50	84	75	50	1.09
		0.285	7.24		0.380	9.65					100	1.70
395024 RG 11/U Type Outdoor -35°C to +80°C 	14 Ga. Stranded (19/27) Bare Copper 3.0 Ω /Mft.	Foam PE		Inner: 95% BC Braid 1.6 Ω /Mft. Outer: 95% BC Braid 1.6 Ω /Mft.	Inner: LD-PE Outer: TPE		17.50	57.40	78	75	100	1.44
		0.314	7.98		0.520	13.21					200	2.11
395041 RG 11/U Type Outdoor -65°C to +80°C 	14 Ga. Solid Bare Copper 10.2 Ω /Mft.	Foam PE		Inner: 95% BC Braid 1.6 Ω /Mft. Outer: 95% BC Braid 1.6 Ω /Mft.	Inner: LD-PE Outer: PE		16.00	52.50	83	75	100	1.30
		0.285	7.24		0.475	12.07					200	1.84
C5041 RG 11/U Type Messengered, Self-Supporting 	14 Ga. Solid Copper-Clad Steel 11.4 Ω /Mft.	Foam PE		100% Flexfoil® Bonded +60% Aluminum Braid 5.3 Ω /Mft.	Black PVC		16.20	53.15	85	75	100	1.30
		0.280	7.11		0.395 x 0.624	10.03 x 15.85					500	3.00
C5043 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	1000	4.40
		0.280	7.11		0.395	10.03					500	3.00

Figure 8. Contains 0.083" galvanized steel messenger wire.