

**Broadband Coax**

## CATV Cables

## Series 11

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths		Standard Unit Weight		Conductor (stranding) Diameter Nom. DCR	Nominal Core OD		Shielding Materials Nom. DCR	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
			Ft.	m	Lbs.	kg		Inch	mm		Inch	mm			pF/Ft.	pF/m	MHz	dB/ 100 Ft.	dB/ 100m

**Series 11 • 14 AWG Solid .064" BCCS Conductor • Duofoil® (100% Coverage) + Aluminum Braid Shield (40% Coverage)****Gas-injected Foam Polyethylene Insulation • Black PVC Jacket**

80°C	<b>9011</b>	—	1000	304.8	66.0	29.9	14 AWG (solid) .064" BCCS 11.0Ω/M' 36.1Ω/km	.280	7.11	Duofoil + 40% Aluminum Braid 5.3Ω/M' 17.4Ω/km	.400	10.16	75	83%	16.2	53.1	See Chart on page 6.92		
Sweep tested 5 MHz to 1 GHz.																			

**Series 11 • 14 AWG Solid .064" Bare Copper-covered Steel Conductor • Duobond® II + Aluminum Braid Shield (60% Coverage)****Gas-injected Foam Polyethylene Insulation • Black PVC Jacket**

80°C	<b>1523A</b>	NEC: CATV CM CEC: CM	1000 <sup>▲</sup>	304.8	67.0	30.4	14 AWG (solid) .064" BCCS 11.0Ω/M' 36.1Ω/km	.280	7.11	Duobond II* + 60% Aluminum Braid 4.1Ω/M' 13.4Ω/km	.400	10.16	75	83%	16.2	53.1	See Chart on page 6.92		
Sweep tested 5 MHz to 1 GHz.																			

<sup>▲</sup>1000 ft. put-up also available in White.

80°C	<b>1523AN</b>	—	1000	304.8	68.0	30.9	14 AWG (solid) .064" BCCS 11.0Ω/M' 36.1Ω/km	.280	7.11	Duobond II* + 60% Aluminum Braid 4.1Ω/M' 13.4Ω/km	.400	10.16	75	83%	16.2	53.1	See Chart on page 6.92		
Sweep tested 5 MHz to 1 GHz.																			



80°C	<b>1523R</b>	NEC: CATVR CMR CEC: CMR	500 1000	152.4 304.8	35.0 70.0	15.9 31.8	14 AWG (solid) .064" BCCS 11.0Ω/M' 36.1Ω/km	.280	7.11	Duobond II* + 60% Aluminum Braid 4.1Ω/M' 13.4Ω/km	.400	10.16	75	83%	16.2	53.1	See Chart on page 6.92		
Sweep tested 5 MHz to 1 GHz.																			



<b>Aerial</b> 80°C	<b>1524AM</b>	—	1000	304.8	90.0	40.8	14 AWG (solid) .064" BCCS 11.0Ω/M' 36.1Ω/km	.280	7.11	Duobond II* + 60% Aluminum Braid 4.1Ω/M' 13.4Ω/km	.400 x .580	10.16 x 14.73	75	83%	16.2	53.1	See Chart on page 6.92		
Sweep tested 5 MHz to 1 GHz.																			

.072" (1.83mm) galvanized steel messenger.

**Gas-injected Foam Polyethylene Insulation • Polyethylene Jacket (Available in Black or Orange)**

<b>Burial</b> 80°C	<b>1525A</b>	—	1000	304.8	60.0	27.3	14 AWG (solid) .064" BCCS 11.0Ω/M' 36.1Ω/km	.280	7.11	Duobond II* + 60% Aluminum Braid 4.1Ω/M' 13.4Ω/km	.400	10.16	75	83%	16.2	53.1	See Chart on page 6.92		
Sweep tested 5 MHz to 1 GHz.																			

CoreGuard®

**Plenum • Foam FEP Insulation • Black Fluorocopolymer Jacket**

150°C	<b>1523AP</b>	NEC: CATVP CMP CEC: CMP	1000	304.8	62.0	28.2	14 AWG (solid) .064" BCCS 11.0Ω/M' 36.1Ω/km	.274	6.96	Duobond II* + 60% Aluminum Braid 4.1Ω/M' 13.4Ω/km	.348	8.84	75	83%	16.3	53.5	1 10 50 100 200 400 700 900 1000	2 4 1.0 1.4 2.3 3.7 5.3 6.4 6.9	.6 1.3 3.3 4.6 7.5 12.1 17.4 21.0 22.6
Sweep tested 5 MHz to 1 GHz.																			

BCCS = Bare Copper-covered Steel • DCR = DC Resistance • FEP = Fluorinated Ethylene Propylene

Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. **1-800-BELDEN-1**.

\*Duobond II = Bonded Duofoil® (100% coverage) + aluminum braid (67% coverage).

**Broadband Coax**

## CATV Cables

## Series 11

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths		Standard Unit Weight		Conductor (stranding) Diameter Nom. DCR	Nominal Core OD		Shielding Materials Nom. DCR	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
			Ft.	m	Lbs.	kg		Inch	mm		Inch	mm			pF/Ft.	pF/m	MHz	dB/ 100 Ft.	dB/ 100m

**Series 11 • 14 AWG Solid .064" Bare Copper-covered Steel Conductor • Duobond Plus® + Aluminum Braid Shield (77% Coverage)****Gas-injected Foam Polyethylene Insulation • Black PVC Jacket**

80°C	<b>9064</b>	NEC: CATV CM CEC: CM	1000	304.8	68.0	30.9	14 AWG (solid) .064" BCCS 11.0Ω/M' 36.1Ω/km	.280	7.11	Duobond Plus* + 77% Aluminum Braid 3.8Ω/M' 12.5Ω/km	.400	10.16	75	83%	16.2	53.1	See Chart on page 6.92		
																			
Shorting Fold																			
Sweep tested 5 MHz to 1 GHz.																			


Aerial 80°C	<b>9065M</b>	—	1000	304.8	86.0	39.0	14 AWG (solid) .064" BCCS 11.0Ω/M' 36.1Ω/km	.280	7.11	Duobond Plus* + 77% Aluminum Braid 3.8Ω/M' 12.5Ω/km	.400 x .580	10.16 x 14.73	75	83%	16.2	53.1	See Chart on page 6.92		
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Shorting Fold

.072" (1.8mm) galvanized steel messenger.


**Gas-injected Foam Polyethylene Insulation • Polyethylene Jacket (Black or Orange)**

Burial 80°C	<b>9764</b>	—	1000	304.8	60.0	27.2	14 AWG (solid) .064" BCCS 11.0Ω/M' 36.1Ω/km	.280	7.11	Duobond Plus* + 77% Aluminum Braid 3.8Ω/M' 12.5Ω/km	.400	10.16	75	83%	16.2	53.1	See Chart on page 6.92		
																			
Shorting Fold																			
Sweep tested 5 MHz to 1 GHz.																			

**Series 11 • 14 AWG Solid .064" Bare Copper-covered Steel Conductor • Duobond® III + Aluminum Braid Shield (77% Coverage)****Gas-injected Foam Polyethylene Insulation • Black PVC Jacket**

Aerial 80°C	<b>7983A</b> <small>new</small>	—	1000	304.8	89.0	40.4	14 AWG (solid) .064" BCCS 11.0Ω/M' 36.1Ω/km	.280	7.11	Duobond III* + 77% Aluminum Braid 4.0Ω/M' 13.1Ω/km	.400 x .580	10.16 x 14.73	75	83%	16.2	53.1	See Chart on page 6.92		
																			
CoreGuard®																			
.072" (1.8mm) galvanized steel messenger.																			

**Gas-injected Foam Polyethylene Insulation • Polyethylene Jacket (Black or Orange)**

Burial 80°C	<b>7984A</b> <small>new</small>	—	1000	304.8	57.0	25.9	14 AWG (solid) .064" BCCS 11.0Ω/M' 36.1Ω/km	.280	7.11	Duobond III* + 77% Aluminum Braid 4.0Ω/M' 13.1Ω/km	.400	10.16	75	83%	16.2	53.1	See Chart on page 6.92		
																			
CoreGuard																			
Sweep tested 5 MHz to 1 GHz.																			

BCCS = Bare Copper-covered Steel • DCR = DC Resistance

Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. **1-800-BELDEN-1**.

\*Duobond Plus = Bonded Duofoil® (100% coverage) + aluminum braid (67% coverage) + shorting fold.

Duobond III = Bonded Duofoil (100% coverage) + aluminum braid (67% coverage) + Duofoil (100% coverage).

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## CATV Cables

## Series 11

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths		Standard Unit Weight		Conductor (stranding) Diameter Nom. DCR	Nominal Core OD		Shielding Materials Nom. DCR	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
			Ft.	m	Lbs.	kg		Inch	mm		Inch	mm			pF/Ft.	pF/m	MHz	dB/ 100 Ft.	dB/ 100m

**Series 11 • 14 AWG Solid .064" Bare Copper-covered Steel Conductor • Duobond® IV Quad Shield (60% and 40% Coverage)****Gas-injected Foam Polyethylene Insulation • Black PVC Jacket**

80°C	<b>1617A</b>	NEC: CATV CM CEC: CM	1000	304.8	67.0	30.5	14 AWG (solid) .064" BCCS 11.0Ω/M' 36.1Ω/km	.280	7.11	Duobond IV* 60% & 40% Aluminum Braids 3.0Ω/M' 9.8Ω/km	.407	10.34	75	83%	16.2	53.1	See Chart on page 6.92		
Sweep tested 5 MHz to 1 GHz.																			



80°C	<b>1619AM</b>	—	1000	304.8	84.0	38.2	14 AWG (solid) .064" BCCS 11.0Ω/M' 36.1Ω/km	.280	7.11	Duobond IV* 60% & 40% Aluminum Braids 3.0Ω/M' 9.8Ω/km	.407 x .560	10.34 x 14.22	75	83%	16.2	53.1	See Chart on page 6.92		
Sweep tested 5 MHz to 1 GHz.																			

.072" (1.8mm) galvanized steel messenger.


80°C	<b>1620AM</b>	—	1000	304.8	87.0	39.5	14 AWG (solid) .064" BCCS 11.0Ω/M' 36.1Ω/km	.280	7.11	Duobond IV* 60% & 40% Aluminum Braids 3.0Ω/M' 9.8Ω/km	.407 x .560	10.34 x 14.22	75	83%	16.2	53.1	See Chart on page 6.92		
Sweep tested 5 MHz to 1 GHz.																			

CoreGuard®

.072" (1.8mm) galvanized steel messenger.

**Gas-injected Foam Polyethylene Insulation • Polyethylene Jacket (Black or Orange)**

Burial 80°C	<b>1618A</b>	—	1000	304.8	61.0	27.7	14 AWG (solid) .064" BCCS 11.0Ω/M' 36.1Ω/km	.280	7.11	Duobond IV* 60% & 40% Aluminum Braids 3.0Ω/M' 9.8Ω/km	.407	10.34	75	83%	16.2	53.1	See Chart on page 6.92		
Sweep tested 5 MHz to 1 GHz.																			



CoreGuard®

**Series 11 • 14 AWG Solid .064" BCCS Conductors • Duofoil® (100% Coverage) + TC Braid Shields (60% and 40% Coverage)****Plenum • Foam FEP Teflon Insulation • Snow Beige FEP Jacket**

200°C	<b>1153A</b>	NEC: CMP CL2P CEC: CMP FT6	500	152.4	52.5	23.9	14 AWG (solid) .064" BCCS 11.0Ω/M' 36.1Ω/km	.280	7.11	(2) Duofoil Shields + (2) TC BCCS 1.8Ω/M' 5.9Ω/km	.387	9.83	75	82%	16.2	53.1	1	.2	.7
Sweep tested 5 MHz to 400 MHz.																			
10 4 1.3																			
50 1.2 3.9																			
100 1.7 5.6																			
200 2.5 8.2																			
400 3.5 11.5																			
700 4.6 15.1																			
900 5.3 17.4																			
1000 5.6 18.4																			



BCCS = Bare Copper-covered Steel • DCR = DC Resistance • FEP = Fluorinated Ethylene Propylene • TC = Tinned Copper

Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. **1-800-BELDEN-1**.

\* Duobond IV = Bonded Duofoil (100% coverage) + aluminum braid (67% coverage) + Duofoil (100% coverage) + aluminum braid (46% coverage).

Teflon is a DuPont trademark.

**BELDEN**For more information, contact **Belden Technical Support: 1-800-BELDEN-1 • www.belden.com****Belden114@CableCon.kr / 0707-434-7704 / Fax. 02-744-0909 / www.CableCon.co.kr**