

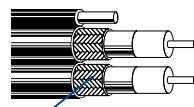
# DBS Cable

## Series 6

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 6 • 18 AWG Solid .040" Bare Copper-covered Steel Conductor • Duobond® II + Aluminum Braid Shield (60% Coverage)**


**Gas-injected Foam Polyethylene Insulation • Black Polyethylene Jacket**

 <p>CoreGuard®</p>	Burial 80°C	1843A	—	1000	304.8	64.0	29.1	18 AWG (solid)	.180	4.57	Duobond II* + 60% Aluminum	.273 X	6.93 X	75	83%	16.2	53.1	5	.5	1.6		
				.040"				BCCS												55	1.4	4.6
				28.0Ω/M'					Braid											211	2.6	8.5
				91.9Ω/km						9.0Ω/M'										500	4.1	13.5
											29.5Ω/km									750	5.1	16.7
																				862	5.5	18.0
																				1000	6.0	19.7
																				1450	7.8	25.6
																				1800	8.6	28.2
																				2250	9.8	32.2

.045" (1.14mm) copper-covered steel static ground.  
Suitable for Outdoor and Direct Burial applications.

**HDTV Series 6 • 18 AWG Solid .040" Bare Copper Conductor • Duobond + Aluminum Braid Shields (77% and 80% Coverage)**


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

 <p>Shorting Fold</p>	80°C	7915A	NEC: U-500	U-152.4	16.5	7.5	18 AWG (solid)	.180	4.57	Duobond Plus**	.275	6.99	75	83%	16.2	53.1	5	.5	1.6		
			CATV CM	500	152.4	18.0	8.2				77% & 80%								55	1.4	4.6
			CEC: U-1000	U-304.8	32.0	14.5	.040"												211	2.6	8.5
			CM	1000	304.8	32.0	14.5												500	4.1	13.5
																			750	5.1	16.7
																			862	5.5	18.0
																			1000	6.0	19.7
																			1450	7.8	25.6
																			1800	8.6	28.2
																			2250	9.8	32.2

Sweep tested 950 MHz to 2.25 GHz.

**Series 6 • 18 AWG Solid .040" Bare Copper Conductor • Duobond + Aluminum Braid Shields (60% and 40% Coverage)**

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

	80°C	7916A	NEC: U-500	U-152.4	18.5	8.4	18 AWG (solid)	.180	4.57	Duobond IV*	.298	7.57	75	83%	16.2	53.1	5	.5	1.6		
			CATV CM	500	152.4	19.5	8.9				60% & 40%								55	1.4	4.6
			CEC: U-1000	U-304.8	36.0	16.3	.040"												211	2.6	8.5
			CM	1000	304.8	35.0	15.9												500	4.1	13.5
																			750	5.1	16.7
																			862	5.5	18.0
																			1000	6.0	19.7
																			1450	7.8	25.6
																			1800	8.6	28.2
																			2250	9.8	32.2

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

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

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

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