

**Broadband Coax**

Headend Cables



De- scription	Part No.	UL NEC/ C(UL)CEC Type IEC	Standard Lengths		Standard Unit Weight		Conductor (Stranding) Diameter Nom. DCR	Nominal Core OD (Dielectric)		Shielding Material 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.

**20 AWG • Solid 0.8 mm Silver-Plated Copper-Covered Steel • Duobond Plus® • 95 % Aluminum Braid**

**Gas-Injected Foam Polyethylene Insulation • PVC Jacket** (available in Black, Grey, White, Red, Blue, Yellow, Brown, Orange, Green, Purple, Beige, Pink or Aqua)

80°C	<b>9167</b>	NEC: CATVR CMR CEC: CMG FT4	1000	305	27.1	12.3	0.81 mm 20 AWG Solid SPCCS 99.4 Ω/km* 84.6 Ω/km**	0.144	3.66	Duobond Plus® + 95% AL Braid 14.8 Ω/km*** 4.3 mm	0.242	6.15	75	83%	16.2	53.1	5	0.8	2.5
																	50	1.8	6.0
																	240	3.6	11.7
																	450	5.0	16.3
																	862	7.0	22.9
																	1000	7.7	25.2



Shorting Fold

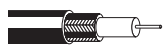
Return loss at 5-470 MHz: ≥ 20 dB  
470-862 MHz: ≥ 18 dB  
862-2150 MHz: ≥ 16 dB

Screening attenuation at 30-1000 MHz: ≥ 85 dB  
Sweep tested. 5 MHz to 1 GHz.

**23 AWG • Solid 0.6 mm Copper-Covered Steel • 95 % Bare Copper Braid**

**Polyethylene Insulation • Black PVC Jacket**

70°C	<b>MRG5900</b>		328	100	10.1	4.6	0.58 mm	0.146	3.70	95% BC Braid 15.0 Ω/km*** 4.3 mm	0.242	6.15	75	66%	20.4	67.0	5	0.9	2.9
			B-328	B-100	10.1	4.6	Solid CCS										50	2.4	8.0
			B-656	B-200	20.3	9.2	94.0 Ω/km*										100	3.5	11.6
			1640	500	50.7	23.0	79.0 Ω/km**										230	5.2	17.2
			3280	1000	101.4	46.0											400	7.6	25.0



Return loss at 5-470 MHz: ≥ 20 dB  
470-1000 MHz: ≥ 18 dB  
1000-2000 MHz: ≥ 16 dB  
2000-3000 MHz: ≥ 15 dB

Screening attenuation at 30-1000 MHz: ≥ 65 dB

**23 AWG • Solid 0.6 mm Bare Copper • 92 % Double Tinned Copper Braid**

**Polyethylene Insulation • Black PVC Jacket**

70°C	<b>H106T00</b>		B-328	B-100	12.6	5.7	0.58 mm	0.146	3.70	92% TC Braid + 92% TC Braid 18.5 Ω/km*** 4.9 mm	0.236	6.00	75	66%	20.4	67.0	5	0.7	2.4
			1640	500	62.8	28.5	Solid BC 97.5 Ω/km* 79.0 Ω/km**										50	2.4	8.0
																	100	3.5	11.6
																	230	5.6	18.3
																	400	7.6	25.0
																	800	11.5	37.8
																	862	12.0	39.2
																	1000	13.1	42.9



Return loss at 5-470 MHz: ≥ 20 dB  
470-1000 MHz: ≥ 18 dB

Screening attenuation at 30-1000 MHz: ≥ 75 dB

**Polyethylene Insulation • Grey FRNC Jacket**

70°C	<b>H106T01</b>	IEC 332-1	1640	500	63.9	29.0	0.58 mm	0.146	3.70	92% TC Braid + 92% TC Braid 18.5 Ω/km*** 4.9 mm	0.236	6.00	75	66%	20.4	67.0			see above	
							Solid BC 97.5 Ω/km* 79.0 Ω/km**													



Return loss at 5-470 MHz: ≥ 20 dB  
470-1000 MHz: ≥ 18 dB

Screening attenuation at 30-1000 MHz: ≥ 75 dB

\* DC loop resistance • \*\* DC resistance inner conductor • \*\*\* DC resistance outer conductor • DCR = DC resistance • BC = Bare Copper • TC = Tinned Copper • SPCCS = Silver-Plated Copper-Covered Steel • AL = Aluminum • CCS = Copper-Covered Steel

Duobond Plus® see technical information page 23.13.