

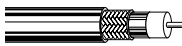
Low Loss 50 Ohm Wireless RF Transmission Cable

Intermediate Type

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.

Intermediate Type • 13 AWG Solid .072" Bare Copper Conductor • Duobond® II (100% Coverage) + Tinned Copper Braid Shield (95% Coverage)


Gas-injected Foam HDPE Insulation • Black Polyethylene Jacket

	RF300	7809A	—	500	152.4	30.5	13.9	13 AWG	.190	4.83	Duobond II* + 95% TC	.300	7.62	50	86%	23.0	75.5	30	1.0	3.4	
	80°C			1000	304.8	58.0	26.3	(solid)			Braid							50	1.3	4.2	
								.072"			BC	2.4Ω/M'							150	2.2	7.3
								2.1Ω/M'			7.8Ω/km								220	2.7	8.9
								6.9Ω/km											450	3.9	12.9
																			900	5.6	18.3
																			1500	7.3	24.0
																			1800	8.1	26.5
																			2000	8.6	28.2
																			2500	9.7	31.9

100% Sweep tested. 6 GHz. Max. VSWR 1.25:1.
Belden® The Wire in Wireless.

Mates with Land Mobile Radio type connectors.**
Suitable for Outdoor and Direct Burial applications.

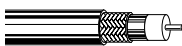
Gas-injected Foam HDPE Insulation • Black PVC Jacket

	RF300	7809R	NEC: CMR	500	152.4	34.0	15.5	13 AWG	.190	4.83	Duobond II* + 95% TC	.300	7.62	50	86%	23.0	75.5	30	1.0	3.4	
	80°C		CEC: CMG FT4	1000	304.8	65.0	29.5	(solid)			Braid								50	1.3	4.2
								.072"			BC	2.4Ω/M'							150	2.2	7.3
								2.1Ω/M'			7.8Ω/km								220	2.7	8.9
								6.9Ω/km											450	3.9	12.9
																			900	5.6	18.3
																			1500	7.3	24.0
																			1800	8.1	26.5
																			2000	8.6	28.2
																			2500	9.7	31.9

100% Sweep tested. 6 GHz. Max. VSWR 1.25:1.
Belden® The Wire in Wireless.

Mates with Land Mobile Radio type connectors.**

Gas-injected Foam HDPE Insulation • Flooded Water-resistant Black Polyethylene Jacket

	RF300	7809WB	—	500	152.4	30.5	13.9	13 AWG	.190	4.83	Duobond II* + 95% TC	.300	7.62	50	86%	23.0	75.5	30	1.0	3.4	
	80°C			1000	304.8	58.0	26.3	(solid)			Braid								50	1.3	4.2
								.072"			BC	2.4Ω/M'							150	2.2	7.3
								2.1Ω/M'			7.8Ω/km								220	2.7	8.9
								6.9Ω/km											450	3.9	12.9
																			900	5.6	18.3
																			1500	7.3	24.0
																			1800	8.1	26.5
																			2000	8.6	28.2
																			2500	9.7	31.9

100% Sweep tested. 6 GHz. Max. VSWR 1.25:1.
Belden® The Wire in Wireless.

Mates with Land Mobile Radio type connectors.**
Suitable for Outdoor and Direct Burial applications.

BC = Bare Copper • DCR = DC Resistance • HDPE = High-density Polyethylene • TC = Tinned Copper

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

**Please consult Belden's website, www.belden.com, for complete listing.