

RG Coaxial and Triaxial Reference Guide

Low Loss 50 Ohm Wireless RF Transmission Cables and Microwave Conformable® Coax

Cable Designation	Part No.	Page No.	Spec. Reference	Conductor Stranding/ Dia. & Type* (DCR/1000 Ft.)	Insulation Material (OD in.)	Shield Type Tape/Braid (DCR/1000 Ft.)	Jacket Material (OD in.)	Nom. Weight (Lbs./Ft.)	Nom. Imp. (Ω)	Nom. Cap. (pF/Ft.)	Suggested Operating Temp. Range (°C) Non UL	Max. Oper. Voltage (RMS) Non UL
Low Loss 50 Ohm Wireless RF Transmission Cables (continued)												
RG-174/U Type RF100	7805	6.57	Belden	1/.018" BC (32.0)	PE (.061)	DF/90% TC (9.1)	PVC (.110)	.010	50	31.2	-40 to +80	1100
RG-174/U Type RF 100 Low Loss	7805R	6.57	Belden	1/.0195" BC (27.3)	FPE (.060)	DF/90% TC (9.4)	PVC (.110)	.010	50	26.2	-40 to +80	300
RG-58/U Type RF195	7806A	6.58	Belden	1/.037" BC (7.6)	GIFPE (.110)	DF/90% TC (4.2)	PE (.195)	.024	50	24.3	-40 to +80	300
RG-58/U Type RF195 Riser	7806R	6.58	Belden	1/.037" BC (7.6)	GIFPE (.110)	DF/90% TC (4.2)	PVC (.195)	.026	50	24.3	-40 to +80	300
RG-58/U Type RF200	7807A	6.58	Belden	1/.044" BC (3.3)	GIFPE (.116)	DF/95% TC (4.2)	PE (.195)	.025	50	23.5	-40 to +80	300
RG-58/U Type RF200 Riser	7807R	6.58	Belden	1/.044" BC (3.3)	GIFPE (.116)	DF/95% TC (4.2)	PVC (.195)	.028	50	23.5	-40 to +80	300
RG-8/X Type RF240	7808A	6.59	Belden	1/.057" BC (3.2)	GIFPE (.150)	DB/95% TC (3.5)	PE (.240)	.037	50	23.0	-40 to +80	300
RG-8/X Type RF240 Riser	7808R	6.59	Belden	1/.057" BC (3.2)	GIFPE (.150)	DB/95% TC (3.5)	PVC (.240)	.041	50	23.0	-40 to +80	300
RG-8/X Type RF240 Burial	7808WB	6.59	Belden	1/.057" BC (3.2)	GIFPE (.150)	DB/95% TC (3.5)	PE (.240)	.037	50	23.0	-40 to +80	300
RF300	7809A	6.60	Belden	1/.072" BC (2.0)	GIFPE (.190)	DB/95% TC (2.7)	PE (.300)	.055	50	23.0	-40 to +80	300
RF300R Riser	7809R	6.60	Belden	1/.072" BC (2.0)	GIFPE (.190)	DB/95% TC (2.7)	PVC (.300)	.065	50	23.0	-40 to +80	300
RF300WB Burial	7809WB	6.60	Belden	1/.072" BC (2.0)	GIFPE (.190)	DB/95% TC (2.7)	PE (.300)	.055	50	23.0	-40 to +80	300
RG-8/U Type RF400	7810A	6.61	Belden	1/.108" BCCA (1.3)	GIFPE (.285)	DB/95% TC (1.8)	PE (.405)	.078	50	23.0	-40 to +80	300
RG-8/U Type RF400 Riser	7810R	6.61	Belden	1/.108" BCCA (1.3)	GIFPE (.285)	DB/95% TC (1.8)	PVC (.405)	.090	50	23.0	-40 to +80	300
RG-8/U Type RF400 Burial	7810WB	6.61	Belden	1/.108" BCCA (1.3)	GIFPE (.285)	DB/95% TC (1.8)	PE (.405)	.078	50	23.0	-40 to +80	300
Microwave Conformable Coax												
RG-401/U Type Conformable	1675A	6.69	Belden	1/.065" SCCS (2.5)	TFE (.210)	Copper - Tin Composite	None (.246)	.081	50	29.5	-70 to +200	3000
RG-401/U Type Conformable	1675J	6.69	Belden	1/.065" SCCS (2.5)	TFE (.210)	Copper - Tin Composite	PVC (.286)	.091	50	29.5	-40 to +105	3000
RG-402/U Type Conformable	1673A	6.69	Belden	1/.0365" SCCS (20.5)	TFE (.116)	Copper-Tin Composite (4.5)	None (.138)	.025	50	29.5	-70 to +200	1,900
RG-402/U Type Conformable	1673B	6.69	Belden	1/.0362" SPC (7.9)	TFE (.116)	Copper - Tin Composite	None (.138)	.025	50	29.5	-70 to +200	1900
RG-402/U Type Conformable Jacketed	1673J	6.69	Belden	1/.0365" SCCS (20.5)	TFE (.116)	Copper - Tin Composite (4.5)	PVC (.178)	.031	50	29.5	-70 to +200	1,900
RG-405/U Type Conformable	1671A	6.68	Belden	1/.0201" SCCS (64.2)	TFE (.062)	Copper-Tin Composite (10.2)	None (.085)	.012	50	29.5	-70 to +200	1,500
RG-405/U Type Conformable	1671B	6.68	Belden	1/.0201" SPC (25.7)	TFE (.062)	Copper - Tin Composite	None (.085)	.012	50	29.5	-70 to +200	1500
RG-405/U Type Conformable Jacketed	1671J	6.68	Belden	1/.0201" SCCS (64.2)	TFE (.062)	Copper - Tin Composite	PVC (.127)	.016	50	29.5	-70 to +200	1,500
M17-151 Type Conformable	1674A	6.68	Belden	1/.0113" SCCS (205.0)	TFE (.084)	Copper - Tin Composite	None (.047)	.003	50	29.5	-70 to +200	1,000
M17-151 Type Conformable	1674B	6.68	Belden	1/.0113" SPC (11.0)	TFE (.034)	Copper - Tin Composite	None (.047)	.003	50	29.5	-70 to +200	1000
75 Ohm Conformable	1672A	6.70	Belden	1/.0113" SCCS (205.0)	TFE (.062)	Copper-Tin Composite (10.2)	None (.085)	.012	75	19.5	-70 to +200	500

*Inner conductors are entered as: number of strands/strand diameter (in inches).

See page 6.15 for key to abbreviations used in this table.

