

RG Coaxial and Triaxial Reference Guide

RG-59/U Type

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
RG-59/U Type (continued)												
RG-59/U Type	7721A	6.30	Belden	1/.032" SPC (10.1)	GIFPE (.145)	DBII/95% TC (3.5)	PVC (.235 x .511)	.057	75	16.2	-0 to +80	300
RG-59/U Type	8212	6.37	Belden	1/.032" CCS (44.5)	FPE (.143)	None/95% BC (2.6)	PE (.242)	.030	75	17.3	-55 to +80	300
RG-59/U Type	8221	6.36	Belden	1/.0253" CCS (55.0)	FPE (.146)	None/95% BC (2.6)	PVC (.242)	.032	80	16.3	-40 to +75	300
RG-59/U Type Triaxial	8232	6.50	Belden	1/.032" BC (10.0)	GIFPE (.145)	Inner None/95% BC (2.5) Outer None/80% BC (2.8)	Inner PE (.225) Outer PE (.315)	.053	75	16.3	-55 to +80	300
RG-59/U Type Triaxial	8232A	6.50	Belden	1/.032" BC (10.0)	GIFPE (.145)	Inner None/96% BC (2.5) Outer None/80% BC (2.8)	Inner PVC (.226) Outer PVC (.315)	.065	75	16.3	0 to +75	300
RG-59/U Type	8241	6.35	Belden	1/.023" CCS (47.0)	PE (.146)	None/95% BC (2.6)	PVC (.241)	.036	75	20.5	-40 to +80	1,700
RG-59/U Type	8241A	6.35	Belden	1/.023" CCS (47.0)	FRSFPE (.146)	None/95% BC (2.6)	PVC (.242)	.039	75	20.5	-40 to +80	300
RG-59/U Type	8241B	6.35	Belden	1/.0228" BC (20.0)	PE (.146)	None/95% BC (2.9)	PVC (.242)	.034	75	20.5	-40 to +80	1,700
RG-59/U Type	8241F	6.35	Belden	7/.030" BC (15.0)	FPE (.146)	None/95% BC (2.6)	PVC-M (.241)	.032	75	17.3	-30 to +60	300
RG-59B/U Type	8263	6.36	MIL-C-17D	1/.023" CC (47.0)	PE (.146)	None/95% BC (2.6)	PVC-NC (.241)	.035	75	20.5	-40 to +60	1,700
RG-59/U Type Precision	8279	6.41	Belden	7/.023" BC (19.1)	PE (.146)	None/95% TC (4.5)	PE (.220)	.026	75	20.5	-55 to +80	2,300
RG-59/U Type Precision Video	8281	6.30	Belden	1/.032" BC (9.9)	PE (.198)	None/97% TC None/95% TC (1.1)	PE (.305)	.068	75	20.5	-55 to +80	2,900
RG-59/U Type Precision Video	8281B	6.30	Belden	1/.032" BC (9.9)	FRSFPE (.198)	None/97% TC None/95% TC (1.1)	PVC (.305)	.076	75	20.5	-40 to +80	300
RG-59/U Type Precision Video	8281F	6.30	Belden	7/.0315" BC (11.8)	PE (.193)	None/97% TC None/95% TC (1.7)	PVC-M (.304)	.060	75	20.5	-20 to +60	2,900
RG-59/U Type	9100	6.16	Belden	1/.032" CCS (44.5)	GIFPE (.144)	DBII/40% AL (17.0)	PVC (.237)	.020	75	16.2	-40 to +80	300
RG-59/U Type	9104	6.17	Belden	1/.032" CCS (44.5)	GIFPE (.144)	DBII/67% AL (12.0)	PVC (.237)	.022	75	16.2	-40 to +80	300
RG-59/U Type	9104N	6.17	Belden	1/.032" CCS (44.5)	GIFPE (.144)	DBII/67% AL (12.0)	PVC (.237)	.022	75	16.2	-40 to +80	300
RG-59/U Type Plenum	9104P	6.17	Belden	1/.032" CCS (44.5)	FFEP (.140)	DBII/67% AL (12.0)	FLM (.203)	.020	75	16.3	-20 to +75	300
RG-59/U Type	9110	6.17	Belden	1/.032" CCS (44.5)	GIFPE (.144)	DBIII/67% AL (11.0)	PVC (.242)	.022	75	16.2	-40 to +80	300
RG-59/U Type Precision Video	9141	6.43	Belden	1/.032" BC (9.9)	PE (.200)	None/97% TC None/95% TC (1.1)	PE (.305)	.068	75	20.0	-55 to +80	2,900
RG-59/U Type	9167	6.29	Belden	1/.032" SCCS (25.8)	GIFPE (.144)	DB+/95% AL (4.5)	PVC (.242)	.028	75	16.2	-40 to +80	300
RG-59/U QPL M17/29-RG59	9204	6.75	MIL-C-17G	1/.023" CCS (47.0)	PE (.146)	None/95% BC (2.6)	PVC-NC (.241)	.034	75	20.5	-40 to +85	1,700
RG-59/U Type Precision Video	9209	6.41	Belden	1/.02275" BC (20.4)	PE (.146)	DF/95% TC (4.5)	PE (.220)	.027	75	20.5	-55 to +80	2,300

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

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

