
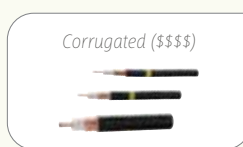

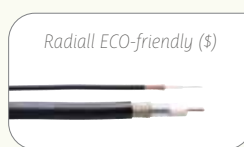

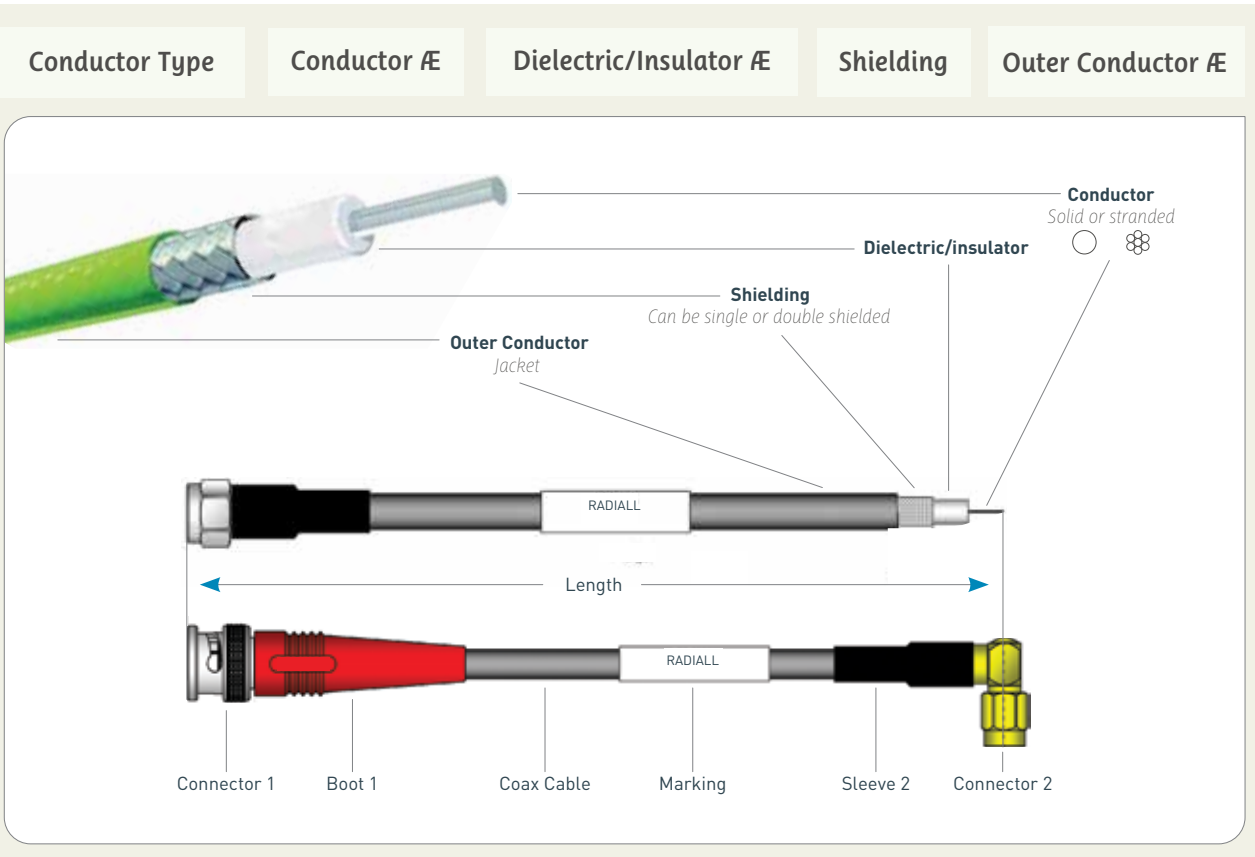




A. Cable Type

Type	Cable Designation
Low Attenuation, Low Flexibility	
 Semi-rigid (\$\$\$)	
 Corrugated (\$\$\$\$)	
 Conformable (\$\$\$)	
 Radiall ECO-friendly (\$)	
 RG-MIL flexible (\$\$)	Impedance W - 50 or 75 Ohms
High Attenuation, High Flexibility	Cable Group # / W

B. Cable Dimensions mm (Inch)



C. Radiall Cable if Applicable

Part Number	Additional Comments
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“Our most important connection is with you”



A. Cable Type	B. Cable Dimensions mm (Inch)							C. Radiall Cable if Applicable			
Type	Cable Designation	Cable Group # / W	Impedance	Conductor Type	Conductor #	Dielectric/Insulator #	Shielding	Outer Conductor #	Part Number	Additional Comments	
Microcoax cables	N/A	0.8 / 50 S	50	Solid	0.16 (.006)	0.50 (.020)	S	0.83 (.033)	C291042066	PFA dielectric	
	N/A	1 / 50 S	50	Solid	0.17 (.007)	0.52 (.020)	S	1.17 (.046)	C291050060	PTFE dielectric	
	N/A	1 / 50 S	50	7 x 0.08	0.24 (.009)	0.68 (.027)	S	1.13 (.044)	C291051270	PTFE dielectric	
	N/A	1 / 50 S	50	7 x 0.102	0.30 (.012)	0.89 (.035)	S	1.37 (.054)	C291066070	PTFE dielectric	
ECO cables (high performance cable developed by Radiall)	ECO 316	2.6 / 50 S	50	Solid	0.55 (.022)	1.55 (.061)	S	2.45 (.096)	C291999904	Better than RG316	
	ECO 316 X	2.6 / 50 S	50	Stranded	0.54 (.021)	1.54 (.061)	S	2.52 (.099)	C291171083	Better T°C & power range	
	ECO 316 D	2.6 / 50 D	50	Solid	0.55 (.022)	1.55 (.061)	D	2.80 (.110)	C291999905	Better than RD316	
	ECO 316 DX	2.6 / 50 D	50	Stranded	0.54 (.021)	1.54 (.061)	D	3.16 (.124)	C291217020	Better T°C & power range	
	ECO 142	5 / 50 D	50	Solid	0.95 (.037)	2.80 (.110)	D	4.50 (.177)	C291325290	Better than RG142	
	ECO 142 X	5 / 50 D	50	Solid	0.95 (.037)	2.98 (.117)	D	5.00 (.197)	C291320180	Better T°C & power range	
	ECO 230	6 / 50 D	50	Solid	1.48 (.057)	4.07 (.160)	D	5.90 (.232)	C291326490		
ECO 393	10 / 50 D	50	Solid	2.40 (.094)	7.25 (.285)	D	9.10 (.358)	C291491060	Better than RG393		
Semi-rigid cables NF-C-93-551	KS 1	.085"	50	Solid	0.51 (.020)	1.68 (.066)	--	2.20 (.087)	C291850001	Copper tubing	
	KS 2	.141"	50	Solid	0.92 (.036)	2.98 (.117)	--	3.58 (.141)	C291860001	Copper tubing	
	KS 3	.250"	50	Solid	1.63 (.064)	5.31 (.209)	--	6.35 (.250)	C291870001	Copper tubing	
Flexible cables NF-C-93-550 standards	KX 3B	2.6 / 50 S	50	7 x 0.16	0.48 (.019)	1.52 (.060)	S	2.79 (.110)	C291150010	PVC jacket	
	KX 4	10 / 50 S	50	7 x 0.75	2.25 (.089)	7.25 (.285)	S	10.29 (.405)	C291510010	PVC jacket	
	KX 6A	6 / 75 S	75	7 x 0.20	0.60 (.024)	3.70 (.146)	S	6.10 (.240)	C291351012	PVC jacket	
	KX 8	10 / 75 S	75	7 x 0.40	1.20 (.047)	7.25 (.285)	S	10.29 (.405)	C291550012	PVC jacket	
	KX 13	11 / 50 D	50	7 x 0.75	2.25 (.089)	7.24 (.285)	D	10.80 (.425)	C291600000	PVC jacket	
	KX 14	22 / 50 S	50	Solid	5.0 (.197)	17.30 (.681)	S	22.10 (.870)	N/A		
	KX 15	5 / 50 S	50	19 x 0.18	0.90 (.035)	2.95 (.116)	S	4.95 (.195)	C291305010	PVC jacket	
	KX 21A	2 / 50 S	50	7 x 0.10	0.30 (.012)	0.84 (.033)	S	1.78 (.070)	C291145017	FEP jacket	
	KX 22A	2.6 / 50 S	50	7 x 0.17	0.53 (.021)	1.52 (.060)	S	2.49 (.098)	C291170017	FEP jacket	
	KX 23	5 / 50 D	50	7 x 0.34	0.92 (.036)	2.95 (.116)	D	5.10 (.200)	C291322017	Fiber glass jacket	
	KX 24	11 / 50 D	50	7 x 0.80	2.40 (.094)	7.25 (.285)	D	10.90 (.429)	C291605017	Fiber glass jacket	
	KX 25	6 / 75 S	75	7 x 0.23	0.71 (.028)	3.70 (.146)	S	5.90 (.232)	N/A		
	KX 30	6 / 93 S	93	Solid	0.64 (.025)	3.70 (.146)	S	6.15 (.242)	N/A		
	KX 52	6 / 75 S	75	Solid	0.64 (.025)	3.70 (.146)	S	6.10 (.240)	N/A		
LMR cables	LMR 200	5 / 50 S	50	Solid	1.12 (.044)	2.95 (.116)	S	4.95 (.195)	C291316070	PE jacket	
	LMR 400	10.3 / 50 S	50	Solid	2.77 (.109)	7.24 (.285)	S	10.3 (.405)	C291516070	PE jacket	
	LMR 600	15.2 / 50 S	50	Solid	4.47 (.176)	11.56 (.455)	S	14.99 (.590)	C291626070	PE jacket	
	RG 6 A/U	8 / 75 D	75	Solid	0.72 (.028)	4.70 (.185)	D	8.43 (.332)	N/A		
Flexible cables MIL-C-17 standard	RG 11 A/U	10 / 75 S	75	7 x 0.4	1.20 (.047)	7.25 (.285)	S	10.29 (.405)	N/A		
	RG 12 A/U	10 / 75 S	75	7 x 0.4	1.20 (.047)	7.25 (.285)	S	12.06 (.474)	N/A		
	RG 58 C/U	5 / 50 S	50	19 x 0.18	0.90 (.035)	2.95 (.116)	S	4.95 (.195)	C291305000	PVC jacket	
	RG 59 B/U	6 / 75 S	75	Solid	0.57 (.022)	3.71 (.146)	S	6.15 (.242)	C291360000	PVC jacket	
	RG 62 B/U	6 / 93 S	93	Solid	0.64 (.025)	3.71 (.146)	S	6.15 (.242)	C291400000	PVC jacket	
	RG 63 B/U	10 / 125 S	125	Solid	0.65 (.026)	2.95 (.116)	S	10.29 (.405)	N/A		
	RG 71 B/U	6 / 93 D	93	Solid	0.64 (.025)	3.71 (.146)	D	6.22 (.245)	N/A		
	RG 140 /U	6 / 75 S	75	Solid	0.64 (.025)	3.71 (.146)	S	5.92 (.233)	N/A		
	RG 142 B/U	5 / 50 D	50	Solid	0.94 (.037)	2.95 (.116)	D	4.95 (.195)	C291320007		
	RG 144 /U	10 / 75 S	75	7 x 0.45	1.35 (.053)	7.25 (.285)	S	10.40 (.409)	N/A		
	RG 165 /U	10 / 50 S	50	7 x 0.8	2.40 (.094)	7.25 (.285)	S	10.40 (.409)	N/A		
	RG 174 A/U	2.6 / 50 S	50	7 x 0.16	0.48 (.019)	1.52 (.060)	S	2.79 (.110)	C291150000	PVC jacket	
	RG 178 B/U	2 / 50 S	50	7 x 0.1	0.30 (.012)	0.84 (.033)	S	1.78 (.070)	C291145007	FEP jacket	
	RG 178 B/U	2 / 50 S	50	7 x 0.1	0.30 (.012)	0.84 (.033)	S	1.83 (.072)	C291145060	PVC jacket	
	RG 141 A/U	5 / 50 S	50	Solid	0.99 (.039)	2.95 (.116)	S	4.83 (.190)	C291315007	Glass fiber jacket	
	RG 178 non m.	2 / 50 S	50	7 x 0.1	0.29 (.011)	0.84 (.033)	S	1.80 (.071)	C291140087	Nonmagnetic / FEP jacket	
	RG 179 B/U	2.6 / 75 S	75	7 x 0.1	0.30 (.012)	1.60 (.063)	S	2.54 (.100)	C291210007	FEP jacket	
	RG 187 A/U	2.6 / 75 S	75	7 x 0.1	0.30 (.012)	1.60 (.063)	S	2.79 (.110)	C291211006	PTFE jacket	
	RG 188 A/U	2.6 / 50 S	50	7 x 0.17	0.51 (.020)	1.52 (.060)	S	2.79 (.110)	C291160006	PTFE jacket	
	RG 196 A/U	2 / 50 S	50	7 x 0.1	0.30 (.012)	0.86 (.034)	S	2.03 (.080)	C291110006	PTFE jacket	
	RG 212 /U	8 / 50 D	50	Solid	1.41 (.056)	4.70 (.185)	D	8.43 (.331)	N/A		
	RG 213 /U	10 / 50 S	50	7 x 0.75	2.26 (.089)	7.24 (.285)	S	10.30 (.406)	C291510000	PVC jacket	
	RG 214 /U	11 / 50 D	50	7 x 0.75	2.25 (.089)	7.24 (.285)	D	10.80 (.425)	C291 600 000	PVC jacket	
RG 215	10 / 50 S	50	7 x 0.75	2.25 (.089)	7.25 (.285)	S	10.29 (.405)	N/A			
RG 216 /U	11 / 75 D	75	7 x 0.4	1.21 (.048)	7.24 (.285)	D	10.80 (.425)	C291610000	PVC jacket		
RG 217 /U	14 / 50 D	50	Solid	2.69 (.106)	9.40 (.370)	D	13.84 (.545)	C291620000	PVC jacket		
RG 218 /U	22 / 50 S	50	Solid	4.95 (.195)	17.27 (.680)	S	22.10 (.870)	C291630000	PVC jacket		
RG 223 /U	5 / 50 D	50	Solid	0.89 (.035)	2.95 (.116)	D	5.38 (.212)	C291330000	PVC jacket		
RG 225 /U	11 / 50 D	50	7 x 0.8	2.38 (.094)	7.24 (.285)	D	10.90 (.429)	C291605007	Glass fiber jacket		
RG 303 /U	5 / 50 S	50	Solid	0.94 (.037)	2.95 (.116)	S	4.32 (.170)	N/A			
RG 316 /U	2.6 / 50 S	50	7 x 0.17	0.53 (.021)	1.52 (.060)	S	2.49 (.098)	C291170007	FEP jacket		
RD 316	2.6 / 50 D	50	7 x 0.17	0.53 (.021)	1.52 (.060)	D	2.80 (.110)	C291185067	FEP jacket		
RG 393	10 / 50 D	50	7 x 0.81	2.39 (.094)	7.24 (.285)	D	9.91 (.390)	C291511007	FEP jacket		
RG 400	5 / 50 / D	50	19 x 0.19	0.98 (.039)	2.95 (.116)	D	4.95 (.195)	C291324007	FEP jacket		
Flexible cable BT approved	RD 179	2.6 / 75 D	75	7 x 0.10	0.30 (.012)	1.6 (.063)	D	3.07 (.121)	C291230080	LSZH jacket	
	BT 3002	3.6 / 75 D	75	Solid	0.31 (.012)	1.95 (.077)	D	3.55 (.140)	C291246046	FEP jacket	
	BT 2002	5 / 75 D	75	7 x 0.20	0.60 (.024)	2.5 (.098)	D	5.1 (.200)	C291333080	FEP jacket	
	RG 401 /U	.250"	50	Solid	1.63 (.064)	5.31 (.209)	--	6.35 (.250)	C291870001	Copper tubing	
	RG 401 alu	.250"	50	Solid	1.63 (.064)	5.31 (.209)	--	6.35 (.250)	C291874187	Tinned alu tubing	
Semi-rigid cables MIL-C-17 standard	RG 402 /U	.141"	50	Solid	0.92 (.036)	2.98 (.117)	--	3.58 (.141)	C291860001	Copper tubing	
	RG 402 tin	.141"	50	Solid	0.92 (.036)	2.98 (.117)	--	3.58 (.141)	C291862005	Tinned copper tubing	
	RG 402 silver	.141"	50	Solid	0.92 (.036)	2.98 (.117)	--	3.58 (.141)	C291861066	Silvered copper tubing	
	RG 402 alu	.141"	50	Solid	0.92 (.036)	2.98 (.117)	--	3.58 (.141)	C291864187	Tinned alu tubing	
	RG 402 non m.	.141"	50	Solid	0.92 (.036)	2.98 (.117)	--	3.58 (.141)	C291861061	Non magnetic /copper tubing	
	RG 405 /U	.085"	50	Solid	0.51 (.020)	1.68 (.066)	--	2.20 (.087)	C291850001	Copper tubing	
	RG 405 tin	.085"	50	Solid	0.51 (.020)	1.68 (.066)	--	2.20 (.087)	C291850005	Tinned copper tubing	
	RG 405 alu	.085"	50	Solid	0.51 (.020)	1.68 (.066)	--	2.20 (.087)	C291844187	Tinned alu tubing	
	RG 405 non m.	.085"	50	Solid	0.51 (.020)	1.68 (.066)	--	2.20 (.087)	C291851001	Non magnetic /copper tubing	
	.047"	.047"	50	Solid	0.29 (.011)	0.94 (.037)	--	1.19 (.047)	C291855001	Copper tubing	
	.047" tin	.047"	50	Solid	0.29 (.011)	0.94 (.037)	--	1.19 (.047)	C291855065	Tinned copper tubing	
	Hand-formable cable	Hand-formable	.085"	50	Solid	0.51 (.020)	1.63 (.064)	--	2.21 (.087)	C291844065	Tin soaked braid
Hand-formable		.141"	50	Solid	0.92 (.036)	2.95 (.116)	--	3.50 (.138)	C291864065	Tin soaked braid	
Hand-formable		.141"	50	Solid	0.92 (.036)	2.98 (.117)	--	4.05 (.159)	C291866378	FEP jacket	
Hand-formable		.141"	50	Solid	0.92 (.036)	2.98 (.117)	--	4.50 (.177)	C291866270	LSZH jacket	
Corrugated cables (with helical or ringed/annular copper tube)	Flexible	1/4"	50	Solid	2.38 (.094)	6.40 (.252)	--	8.70 (.343)	N/A	Ringed/annular tube	
	Flexible	1/2"	50	Solid	4.80 (.189)	11.6 (.457)	--	16.35 (.644)	C291972085	Ringed/annular tube	
	Flexible	7/8"	50	Solid	9.13 (.359)	22.5 (.866)	--	27.7 (1.091)	N/A	Ringed/annular tube	
	Flexible	1 1/4"	50	Solid	12.7 (.500)	32.5 (1.28)	--	39.5 (1.55)	N/A	Ringed/annular tube	
	Flexible	1 5/8"	50	Solid	17.3 (.681)	43.5 (1.71)	--	50.5 (1.99)	N/A	Ringed/annular tube	
	Super flexible	1/4"	50	Solid	1.90 (.075)	4.70 (.1					



RF Cable Assemblies



area offices local contacts

Our most important connection is with you.

It's not just a slogan. It's a statement of our earnest desire to put you at the forefront of all our business practices. As part of Radiall's mission to be available and accessible, we make it a priority to have local offices around the globe ready and able to assist you – wherever you are, whenever you need us.

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Radiall Navigator™

Radiall Navigator™ is a tool designed to assist our partners and customers that provides sharing information about Radiall products as easy as possible in one single document.

With this in mind, we have created Radiall Navigator as a supplemental guide to information available in our catalogs and on our website (www.radiall.com). We recognize that time is a very limited and valuable asset. We are confident that Radiall Navigator will help users understand our products, terminologies, and references better.

Radiall's Vision Statement

Connectivity has a profound and dramatic impact on the lives of people throughout the world. Because of advancements in technology, our lives are more convenient, more secure, more enjoyable and richer than ever. The speed of data enables communication in the most remote areas so people can reach all corners of the globe, allows for important defense and security, and facilitates space exploration. But technology doesn't just happen. It starts in the mind with ideas, making connections never considered in ways that nobody dreamed possible. Seeing the future in ways previously unimagined is the act of innovation and it begins with people – the inventors, the dreamers, the pioneers and the engineers – enriching the lives of billions. At Radiall, we have one single, solitary mission; Empower the people that enrich our lives. Enable their innovation by providing reliability and repeatability. Give them useful information and provide them with valuable guidance when determining the best course for success. We don't invent the future, we enable it. We inspire innovation, we embrace challenges, we challenge the conventional and we collaborate with you to succeed. At Radiall, we're proud to say – Our most important connection is with you.

