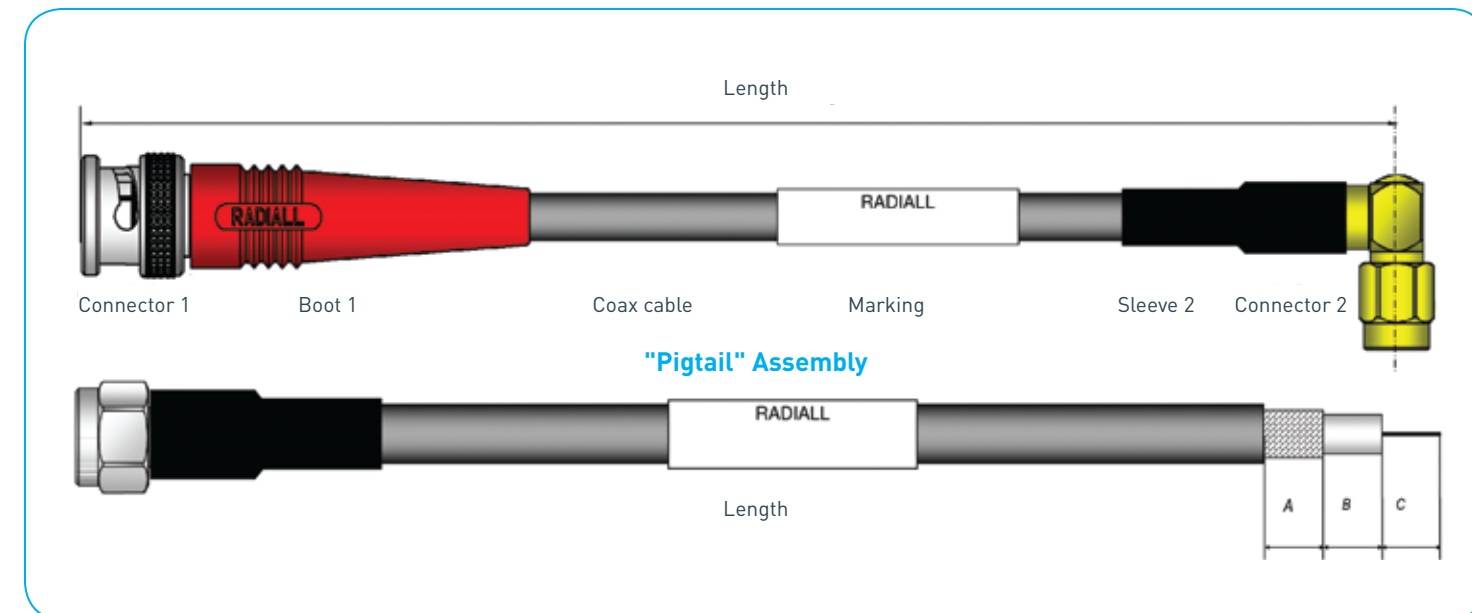
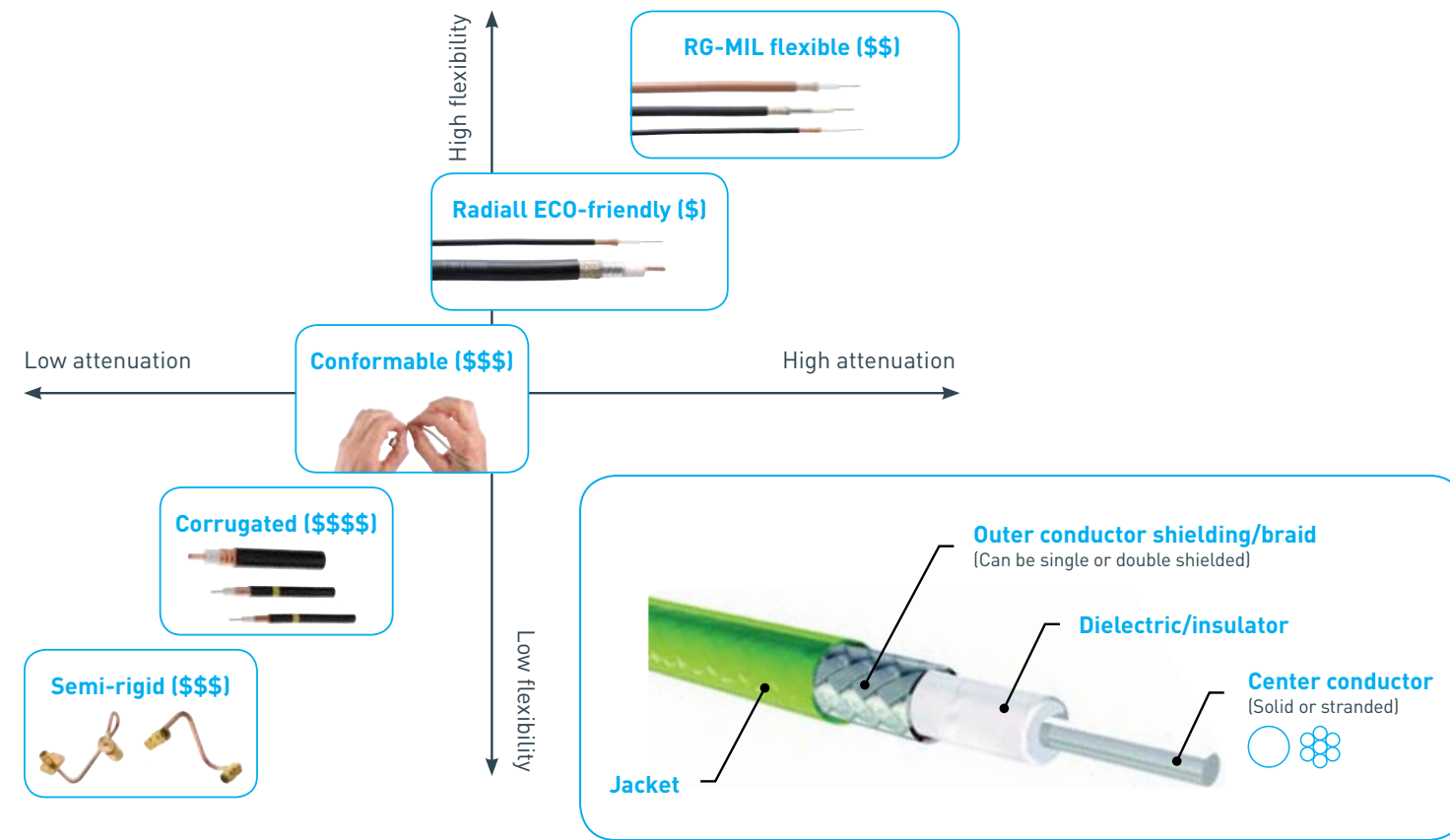




Radiall Navigator™ is a tool designed to assist our partners and customers that provides instant access to the right information at the right moment. This tool is intended to make sharing information about Radiall products as easy as possible in one single document.

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.



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D1A041TE - 2011 February

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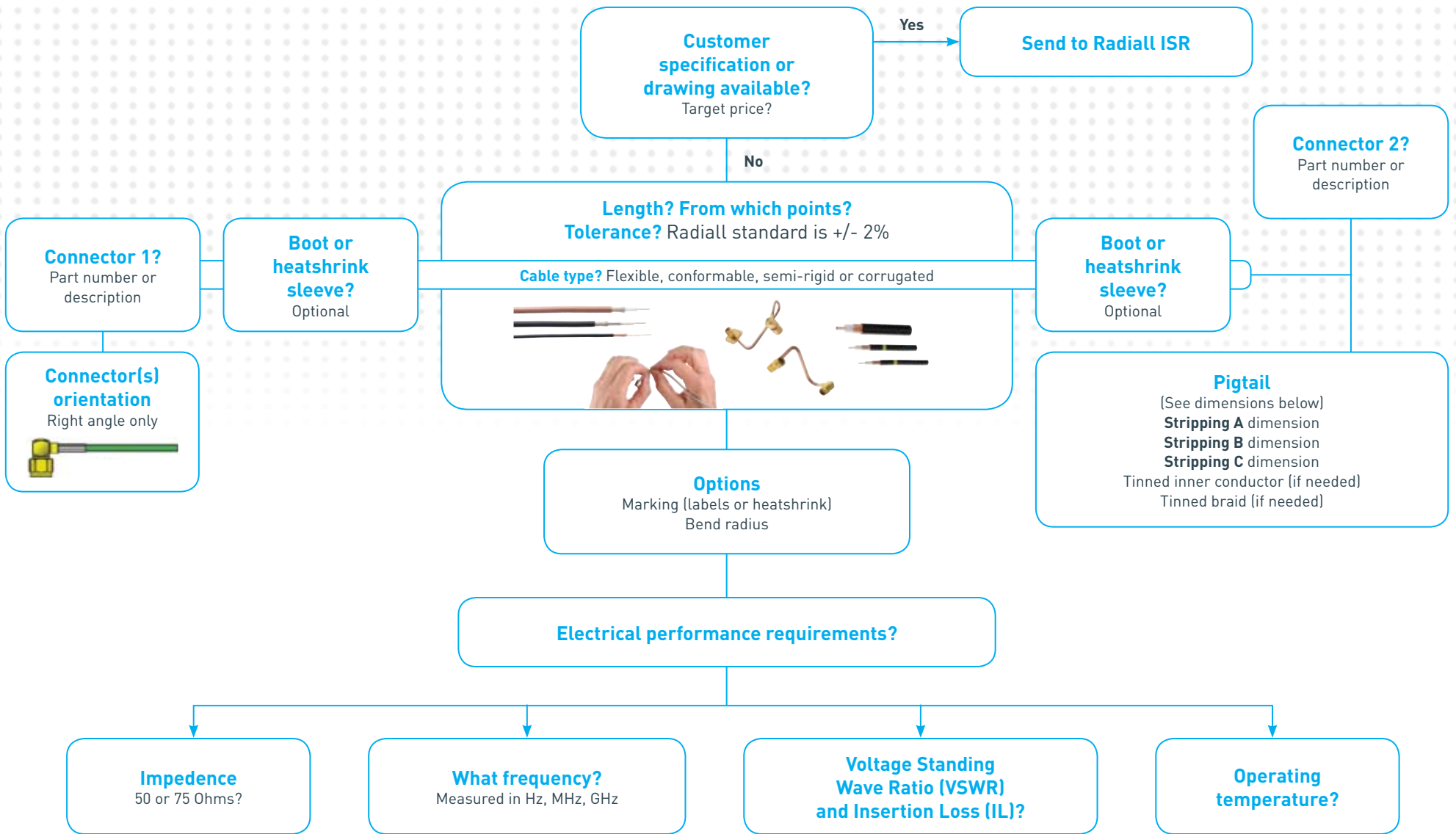


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RF Cable Assemblies



NAVIGATOR



Cable Designation	Cable Group Æ / W	Imp. W	Cable Dimensions mm (Inch)					Radiall Cable if Applicable	
			Core Type	Core Æ	Insulator Æ	Screen	Outer Æ	P/N	Remark
Microcoax cables									
N/A	0.8 / 50 S	50	Solid	0.16 [0.06]	0.50 [0.20]	S	0.83 [0.33]	C291042066	PFA dielectric
N/A	1 / 50 S	50	Solid	0.17 [0.07]	0.52 [0.20]	S	1.17 [0.46]	C291050060	PTFE dielectric
N/A	1 / 50 S	50	7 x 0.08	0.24 [0.09]	0.68 [0.27]	S	1.13 [0.44]	C291051270	PTFE dielectric
N/A	1 / 50 S	50	7 x 0.102	0.30 [0.12]	0.89 [0.35]	S	1.37 [0.54]	C291066070	PTFE dielectric
ECO cables (high-performance cable developed by Radiall)									
ECO 316	2.6 / 50 S	50	Solid	0.55 [0.22]	1.55 [0.61]	S	2.45 [0.96]	C291999904	Better than RG316
ECO 316 X	2.6 / 50 S	50	Stranded	0.54 [0.21]	1.54 [0.61]	S	2.52 [0.99]	C291171083	Better T°C & power range
ECO 316 D	2.6 / 50 D	50	Solid	0.55 [0.22]	1.55 [0.61]	D	2.80 [1.10]	C291999905	Better than RD316
ECO 316 DX	2.6 / 50 D	50	Stranded	0.54 [0.21]	1.54 [0.61]	D	3.16 [1.24]	C291217020	Better T°C & power range
ECO 142	5 / 50 D	50	Solid	0.95 [0.37]	2.80 [1.10]	D	4.50 [1.77]	C291325290	Better than RG142
ECO 142 X	5 / 50 D	50	Solid	0.95 [0.37]	2.98 [1.17]	D	5.00 [1.97]	C291320180	Better T°C & power range
ECO 230	6 / 50 D	50	Solid	1.48 [0.57]	4.07 [1.60]	D	5.90 [2.32]	C291326490	
ECO 393	10 / 50 D	50	Solid	2.40 [0.94]	7.25 [2.85]	D	9.10 [3.58]	C291491060	Better than RG393
Semi-rigid cables NF-C-93-551									
KS 1	.085"	50	Solid	0.51 [0.20]	1.68 [0.66]	--	2.20 [0.87]	C291850001	Copper tubing
KS 2	.141"	50	Solid	0.92 [0.36]	2.98 [1.17]	--	3.58 [1.41]	C291860001	Copper tubing
KS 3	.250"	50	Solid	1.63 [0.64]	5.31 [2.09]	--	6.35 [2.50]	C291870001	Copper tubing
Flexible cables NF-C-93-550 standard									
KX 3B	2.6 / 50 S	50	7 x 0.16	0.48 [0.19]	1.52 [0.60]	S	2.79 [1.10]	C291150010	PVC jacket
KX 4	10 / 50 S	50	7 x 0.75	2.25 [0.89]	7.25 [2.85]	S	10.29 [4.05]	C291510010	PVC jacket
KX 6A	6 / 75 S	75	7 x 0.20	0.60 [0.24]	3.70 [1.46]	S	6.10 [2.40]	C291351012	PVC jacket
KX 8	10 / 75 S	75	7 x 0.40	1.20 [0.47]	7.25 [2.85]	S	10.29 [4.05]	C291550012	PVC jacket
KX 13	11 / 50 D	50	7 x 0.75	2.25 [0.89]	7.24 [2.85]	D	10.80 [4.25]	C291600000	PVC jacket
KX 14	22 / 50 S	50	Solid	5.0 [1.97]	17.30 [6.81]	S	22.10 [8.70]	N/A	
KX 15	5 / 50 S	50	19 x 0.18	0.90 [0.35]	2.95 [1.16]	S	4.95 [1.95]	C291305010	PVC jacket
KX 21A	2 / 50 S	50	7 x 0.10	0.30 [0.12]	0.84 [0.33]	S	1.78 [0.70]	C291145017	FEP jacket
KX 22A	2.6 / 50 S	50	7 x 0.17	0.53 [0.21]	1.52 [0.60]	S	2.49 [0.98]	C291170017	FEP jacket
KX 23	5 / 50 D	50	7 x 0.34	0.92 [0.36]	2.95 [1.16]	D	5.10 [2.00]	C291322017	Fiber glass jacket
KX 24	11 / 50 D	50	7 x 0.80	2.40 [0.94]	7.25 [2.85]	D	10.90 [4.29]	C291605017	Fiber glass jacket
KX 25	6 / 75 S	75	7 x 0.23	0.71 [0.28]	3.70 [1.46]	S	5.90 [2.32]	N/A	
KX 30	6 / 93 S	93	Solid	0.64 [0.25]	3.70 [1.46]	S	6.15 [2.42]	N/A	
KX 52	6 / 75 S	75	Solid	0.64 [0.25]	3.70 [1.46]	S	6.10 [2.40]	N/A	
LMR cables									
LMR 200	5 / 50 S	50	Solid	1.12 [0.44]	2.95 [1.16]	S	4.95 [1.95]	C291316070	PE jacket
LMR 400	10.3 / 50 S	50	Solid	2.77 [1.09]	7.24 [2.85]	S	10.3 [4.05]	C291516070	PE jacket
LMR 600	15.2 / 50 S	50	Solid	4.47 [1.76]	11.56 [4.55]	S	14.99 [5.90]	C291626070	PE jacket
Flexible cables MIL-C-17 standard									
RG 6 A/U	8 / 75 D	75	Solid	0.72 [0.28]	4.70 [1.85]	D	8.43 [3.32]	N/A	
RG 11 A/U	10 / 75 S	75	7 x 0.4	1.20 [0.47]	7.25 [2.85]	S	10.29 [4.05]	N/A	
RG 12 A/U	10 / 75 S	75	7 x 0.4	1.20 [0.47]	7.25 [2.85]	S	12.06 [4.74]	N/A	
RG 58 C/U	5 / 50 S	50	19 x 0.18	0.90 [0.35]	2.95 [1.16]	S	4.95 [1.95]	C291305000	PVC jacket
RG 59 B/U	6 / 75 S	75	Solid	0.57 [0.22]	3.71 [1.46]	S	6.15 [2.42]	C291360000	PVC jacket
RG 62 B/U	6 / 93 S	93	Solid	0.64 [0.25]	3.71 [1.46]	S	6.15 [2.42]	C291400000	PVC jacket
RG 63 B/U	10 / 125 S	125	Solid	0.65 [0.26]	2.95 [1.16]	S	10.29 [4.05]	N/A	
RG 71 B/U	6 / 93 D	93	Solid	0.64 [0.25]	3.71 [1.46]	D	6.22 [2.45]	N/A	
RG 140 /U	6 / 75 S	75	Solid	0.64 [0.25]	3.71 [1.46]	S	5.92 [2.33]	N/A	
RG 142 B/U	5 / 50 D	50	Solid	0.94 [0.37]	2.95 [1.16]	D	4.95 [1.95]	C291320007	
RG 144 /U	10 / 75 S	75	7 x 0.45	1.35 [0.53]	7.25 [2.85]	S	10.40 [4.09]	N/A	
RG 165 /U	10 / 50 S	50	7 x 0.8	2.40 [0.94]	7.25 [2.85]	S	10.40 [4.09]	N/A	
RG 174 A/U	2.6 / 50 S	50	7 x 0.16	0.48 [0.19]	1.52 [0.60]	S	2.79 [1.10]	C291150000	PVC jacket
RG 178 B/U	2 / 50 S	50	7 x 0.1	0.30 [0.12]	0.84 [0.33]	S	1.78 [0.70]	C291145007	FEP jacket
RG 178 B/U	2 / 50 S	50	7 x 0.1	0.30 [0.12]	0.84 [0.33]	S	1.83 [0.72]	C291145060	PVC jacket
RG 141 A/U	5 / 50 S	50	Solid	0.99 [0.39]	2.95 [1.16]	S	4.83 [1.90]	C291315007	Glass fiber jacket
RG 178 non m.	2 / 50 S	50	7 x 0.1	0.29 [0.11]	0.84 [0.33]	S	1.80 [0.71]	C291140087	Nonmagnetic / FEP jacket
RG 179 B/U	2.6 / 75 S	75	7 x 0.1	0.30 [0.12]	1.60 [0.63]	S	2.54 [1.01]	C291210007	FEP jacket
RG 187 A/U	2.6 / 75 S	75	7 x 0.1	0.30 [0.12]	1.60 [0.63]	S	2.79 [1.10]	C291211006	PTFE jacket
RG 188 A/U	2.6 / 50 S	50	7 x 0.17	0.51 [0.20]	1.52 [0.60]	S	2.79 [1.10]	C291160006	PTFE jacket
RG 196 A/U	2 / 50 S	50	7 x 0.1	0.30 [0.12]	0.86 [0.34]	S	2.03 [0.80]	C291110006	PTFE jacket
RG 212 /U	8 / 50 D	50	Solid	1.41 [0.56]	4.70 [1.85]	D	8.43 [3.31]	N/A	
RG 213 /U	10 / 50 S	50	7 x 0.75	2.26 [0.89]	7.24 [2.85]	S	10.30 [4.06]	C291510000	PVC jacket
RG 214 /U	11 / 50 D	50	7 x 0.75	2.25 [0.89]	7.24 [2.85]	D	10.80 [4.25]	C291 600 000	PVC jacket
RG 215	10 / 50 S	50	7 x 0.75	2.25 [0.89]	7.25 [2.85]	S	10.29 [4.05]	N/A	
RG 216 /U	11 / 75 D	75	7 x 0.4	1.21 [0.48]	7.24 [2.85]	D	10.80 [4.25]	C291610000	PVC jacket
RG 217 /U	14 / 50 D	50	Solid	2.69 [1.06]	9.40 [3.70]	D	13.84 [5.45]	C291620000	PVC jacket
RG 218 /U	22 / 50 S	50	Solid	4.95 [1.95]	17.27 [6.80]	S	22.10 [8.70]	C291630000	PVC jacket
RG 223 /U	5 / 50 D	50	Solid	0.89 [0.35]	2.95 [1.16]	D	5.38 [2.12]	C291330000	PVC jacket
RG 225 /U	11 / 50 D	50	7 x 0.8	2.38 [0.94]	7.24 [2.85]	D	10.90 [4.29]	C291605007	Glass fiber jacket
RG 303 /U	5 / 50 S	50	Solid	0.94 [0.37]	2.95 [1.16]	S	4.32 [1.70]	N/A	
RG 316 /U	2.6 / 50 S	50	7 x 0.17	0.53 [0.21]	1.52 [0.60]	S	2.49 [0.98]	C291170007	FEP jacket
RD 316	2.6 / 50 D	50	7 x 0.17	0.53 [0.21]	1.52 [0.60]	D	2.80 [1.10]	C291185067	FEP jacket
RG 393	10 / 50 D	50	7 x 0.81	2.39 [0.94]	7.24 [2.85]	D	9.91 [3.90]	C291511007	FEP jacket
RG 400	5 / 50 / D	50	19 x 0.19	0.98 [0.39]	2.95 [1.16]	D	4.95 [1.95]	C291324007	FEP jacket
Flexible cable BT approved									
RD 179	2.6 / 75 D	75	7 x 0.10	0.30 [0.12]	1.6 [0.63]	D	3.07 [1.21]	C291230080	LSZH jacket
BT 3002	3.6 / 75 D	75	Solid	0.31 [0.12]	1.95 [0.77]	D	3.55 [1.40]	C291246046	FEP jacket
BT 2002	5 / 75 D	75	7 x 0.20	0.60 [0.24]	2.5 [0.98]	D	5.1 [2.00]	C291333080	FEP jacket
Semi-rigid cables MIL-C-17 standard									
RG 401 /U	.250"	50	Solid	1.63 [0.64]	5.31 [2.09]	--	6.35 [2.50]	C291870001	Copper tubing
RG 401 alu	.250"	50	Solid	1.63 [0.64]	5.31 [2.09]	--	6.35 [2.50]	C291874187	Tinned alu tubing
RG 402 /U	.141"	50	Solid	0.92 [0.36]	2.98 [1.17]	--	3.58 [1.41]	C291860001	Copper tubing
RG 402 tin	.141"	50	Solid	0.92 [0.36]	2.98 [1.17]	--	3.58 [1.41]	C291862005	Tinned copper tubing
RG 402 silver	.141"	50	Solid	0.92 [0.36]	2.98 [1.17]	--	3.58 [1.41]	C291861066	Silvered copper tubing
RG 402 alu	.141"	50	Solid	0.92 [0.36]	2.98 [1.17]	--	3.58 [1.41]	C291864187	Tinned alu tubing
RG 402 non m.	.141"	50	Solid	0.92 [0.36]	2.98 [1.17]	--	3.58 [1.41]	C291861061	Non magnetic /copper tubing
RG 405 /U	.085"	50	Solid	0.51 [0.20]	1.68 [0.66]	--	2.20 [0.87]	C291850001	Copper tubing
RG 405 tin	.085"	50	Solid	0.51 [0.20]	1.68 [0.66]	--	2.20 [0.87]	C291850005	Tinned copper tubing
RG 405 alu	.085"	50	Solid	0.51 [0.20]	1.68 [0.66]	--	2.20 [0.87]	C291844187	Tinned alu tubing
RG 405 non m.	.085"	50	Solid	0.51 [0.20]	1.68 [0.66]	--	2.20 [0.87]	C291851001	Non magnetic /copper tubing
.047"	.047"	50	Solid	0.29 [0.11]	0.94 [0.37]	--	1.19 [0.47]	C291855001	Copper tubing
.047" tin	.047"	50	Solid	0.29 [0.11]	0.94 [0.37]	--	1.19 [0.47]	C291855065	Tinned copper tubing
Hand-formable cable									
Hand-formable	.085"	50	Solid	0.51 [0.20]	1.63 [0.64]	--	2.21 [0.87]	C291844065	Tin soaked braid
Hand-formable	.141"	50	Solid	0.92 [0.36]	2.95 [1.16]	--	3.50 [1.38]	C291864065	Tin soaked braid
Hand-formable	.141"	50	Solid	0.92 [0.36]	2.98 [1.17]	--	4.05 [1.59]	C291866378	FEP jacket
Hand-formable	.141"	50	Solid	0.92 [0.36]	2.98 [1.17]	--	4.50 [1.77]	C291866270	LSZH jacket
Corrugated cables (with helical or ringed/annular copper tube)									
Flexible	1/4"	50	Solid	2.38 [0.94]	6.40 [2.52]	--	8.70 [3.43]	N/A	Ringed/annular tube
Flexible	1/2"	50	Solid	4.80 [1.89]	11.6 [4.57]	--	16.35 [6.44]	C291972085	Ringed/annular tube
Flexible	7/8"	50	Solid	9.13 [3.59]	22.5 [8.66]	--	27.7 [10.91]	N/A	Ringed/annular tube
Flexible	1 1/4"	50	Solid	12.7 [5.00]	32.5 [12.8]	--	39.5 [15.5]	N/A	Ringed/annular tube
Flexible	1 5/8"	50	Solid	17.3 [6.81]	43.5 [17.1]	--	50.5 [19.9]	N/A	Ringed/annular tube
Super flexible	1/4"	50	Solid	1.90 [0.75]	4.70 [1.85]	--	7.40 [2.91]	C291993080	Helical tube
Super flexible	3/8"	50	Solid	2.60 [1.02]	6.30 [2.48]	--	10.8 [4.25]	C291996070	Helical tube
Super flexible	1/2"	50	Solid	3.60 [1.42]	8.70 [3.43]	--	13.2 [5.20]	C291994080	Helical tube
Super flexible	7/8"	50	Tube	9.04 [3.56]	23				