

capability
by



MILITARY RG/U NOMENCLATURE

RG/U Number	APPENDIX Number	Impedance	Capacitance INCH/FT.	Dielectric Material	Center Conductor	Jacket Type	Shield	Overall Diameter	Weight 100 Ft.	Remarks
141	421-342	50	28.5	Teflon	.0359 SCW	V	S	.190	3.3	
141A	421-339	50	28.5	Teflon	.039 SCW	V	S	.190	3.5	
142	421-385	50	28.5	Teflon	.0359 SCW	V	SS	.206	4.3	
142A	421-240	50	28.5	Teflon	.039 SCW	V	SS	.206	4.5	
143	421-308	50	28.5	Teflon	.057 SCW	V	SS	.325	10.2	
143A	421-141	50	28.5	Teflon	.059 SCW	V	SS	.325	10.2	
144	421-391	75	20.5	Teflon	7/25 SCW	V	S	.410	12.0	
145	C/S	75	14.6	SS Poly	Two 13C	Lead-Tar	C Tube	-	-	
146	C/S	150	8.0	SS Teflon	.007 CW	V	C	.375	-	Obsolete
147	C/S	52	29.5	Poly	.250C	I*	C	1.937	-	19/U with Spiral Armor
148	C/S	52	29.5	Poly	7/21C	I*	C	.600	-	8/U with Spiral Armor
149	21-467	75	20.5	Poly	7/261C	I	TC	.405	9.2	11/U Low Noise
150	21-246**	75	20.5	Poly	7-251C	I*	TC	.475	11.6	145/U with Armor
151	C/S	50	-	-	.175C	C Tubing	-	.375	-	
152	C/S	50	-	-	2.50C Tube	C Tubing	-	6.125	-	
153	C/S	50	-	-	.604C Tube	C Tubing	-	1.625	-	
154	C/S	50	-	-	1.315C Tube	C Tubing	-	3.125	-	
155	C/S	50	-	-	.341C Tube	C Tubing	-	.875	-	
156	C/S	50	30	Conductive Poly	7/217C	IIa	TC-GS-TC	.540	-	Pulse Cable
157	C/S	50	38	Conductive Poly	19/241C	IIa	TC-GS-TC	.725	-	Pulse Cable
158	C/S	25	78	Conductive Poly	37/237C	IIa	TC-GS-TC	.725	-	Pulse Cable
159	**	50	29.0	Tef. Tape	20S	V	S	.195	-	Replaced by 142/U
160	21-492**	125	12.0	Poly	2-19-277C 2-19-27C	I	C	1.055	-	Flexible 4 Conductor Twists
160A	21-763**	125	12.0	Poly	2-19-277C 2-19-27C	IIIa	C Ribbon	1.055	-	Flexible 4 Conductor Twists
161	421-619**	70	70	Teflon	7/38 SCB	Black Nylon	S	.082	-	
162	C/S	175	-	SS Teflon	.156C Tube	C Tubing	-	3.065	-	
163	C/S									Rigid Rectangular Wave Guide
164	21-720	75	21.0	Poly	.1045C	IIa	C	.870	-	35B/U Less Armor
165	421-710**	50	29.5	Teflon	7/.0325	V	S	.410	-	
166	421-713**	50	29.5	Teflon	7/.0325	V*	S	.400	-	165/U with Armor
167	C/S									Rigid Rectangular Wave Guide
168	C/S									Rigid Rectangular Wave Guide
169	C/S									Rigid Rectangular Wave Guide
170	C/S									Rigid Rectangular Wave Guide
171	C/S									Rigid Rectangular Wave Guide
172	C/S									Rigid Rectangular Wave Guide
173	C/S									Rigid Rectangular Wave Guide
174	21-558	50	29.5	Poly	7/.0063CW	I	TC	.300	.075	
175	C/S									Bead Supported Coaxial Line

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MILITARY RG/U NOMENCLATURE

RG/U Number	AMPHENOL Number	Impedance	Capacitance MUF./FT.	Dielectric Material	Center Conductor	Jacket Type	Shield	Over-all Diameter	Weight 100 Ft.	Remarks
141	421-302	50	28.5	Teflon	.059 SCW	V	S	.190	3.5	
141A	421-306	50	28.5	Teflon	.059 SCW	V	S	.190	3.5	
142	421-315	50	28.5	Teflon	.059 SCW	V	SS	.206	4.5	
142A	421-140	50	28.5	Teflon	.059 SCW	V	SS	.206	4.5	
143	421-318	50	28.5	Teflon	.057 SCW	V	SS	.325	10.2	
143A	421-141	50	28.5	Teflon	.059 SCW	V	SS	.325	10.2	
144	421-351	75	20.3	Teflon	7/25 SCW	V	S	.410	12.0	
145	C/S	75	14.8	SS Poly	Two 13C	Lead-Tar	C Tube	—	—	
146	C/S	150	6.0	SS Teflon	.007 CW	V	C	.375	—	Obsolete
147	C/S	50	28.5	Poly	750C	I*	C	1.937	—	19/U with Spiral Armor
148	C/S	50	28.5	Poly	7/21C	I*	C	.600	—	8/U with Spiral Armor
149	21-487	75	20.5	Poly	7/26TC	I	TC	.405	9.2	11/U Low Noise
150	21-766**	75	20.5	Poly	7/26TC	I*	TC	.475	11.6	149/U with Armor
151	C/S	50	—	—	125C	C Tubing	—	.375	—	
152	C/S	50	—	—	240C Tube	C Tubing	—	8.125	—	
153	C/S	50	—	—	860C Tube	C Tubing	—	1.625	—	
154	C/S	50	—	—	1315C Tube	C Tubing	—	3.125	—	
155	C/S	50	—	—	341C Tube	C Tubing	—	.875	—	
156	C/S	50	30	Conductive Poly	7/21TC	Ila	TC-GS-TC	.540	—	Pulse Cable
157	C/S	50	38	Conductive Poly	19/24TC	Ila	TC-GS-TC	.725	—	Pulse Cable
158	C/S	25	78	Conductive Poly	37/21TC	Ila	TC-GS-TC	.725	—	Pulse Cable
159	**	50	29.0	Tef. Tape	205	V	S	.195	—	Replaced by 142/U
160	21-459**	125	12.0	Poly	2 19/27TC 2 19/27C	I	C	1.055	—	Flexible 4 Conductor Twinnax
160A	21-763**	125	12.0	Poly	2 19/27TC 2 19/27C	Illa	C Ribbon	1.055	—	Flexible 4 Conductor Twinnax
161	421-619**	70	26	Teflon	7/38 SCB	Black Nylon	S	.082	—	
162	C/S	175	—	SS Teflon	156C Tube	C Tubing	—	3.065	—	
163	C/S									Rigid Rectangular Wave Guide
164	21-770	75	21.0	Poly	1045C	Ila	C	.870	—	158/U Less Armor
165	421-710**	50	29.5	Teflon	7/032S	V	S	.430	—	
166	421-713**	50	29.5	Teflon	7/032S	V*	S	.460	—	165/U with Armor
167	C/S									Rigid Rectangular Wave Guide
168	C/S									Rigid Rectangular Wave Guide
169	C/S									Rigid Rectangular Wave Guide
170	C/S									Rigid Rectangular Wave Guide
171	C/S									Rigid Rectangular Wave Guide
172	C/S									Rigid Rectangular Wave Guide
173	C/S									Rigid Rectangular Wave Guide
174	21-538	50	29.5	Poly	7/0063CW	I	TC	.100	.075	
175	C/S									Broad Supported Coaxial Line

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RG/U Number	AMPHENOL Number	Impedance	Capacitance N/GF./FT.	Dielectric Material	Center Conductor	Jacket Type	Shield	Over-all Diameter	Weight 100 Ft.	Remarks
141	421-312	50	28.5	Teflon	0359 SCW	V	S	190	3.5	
141A	421-135	50	28.5	Teflon	039 SCW	V	S	190	3.5	
142	421-385	50	28.5	Teflon	0359 SCW	V	SS	206	4.5	
142A	421-140	50	28.5	Teflon	039 SCW	V	SS	206	4.5	
143	421-318	50	28.5	Teflon	057 SCW	V	SS	325	10.2	
143A	421-141	50	28.5	Teflon	059 SCW	V	SS	325	10.2	
144	421-351	75	20.5	Teflon	7/25 SCW	V	S	410	12.0	
145	C/S	75	14.6	SS Poly	Two 13C	Lead-Tar	C Tube	—	—	
146	C/S	150	6.0	SS Teflon	007 CW	V	C	375	—	Obsolete
147	C/S	52	29.5	Poly	.250C	I*	C	1.937	—	19/U with Spiral Armor
148	C/S	52	29.5	Poly	7/21C	I*	C	.800	—	8/U with Spiral Armor
149	21-467	75	20.5	Poly	7/26TC	I	TC	.405	9.2	11/U Low Noise
150	21-748**	75	20.5	Poly	7.26TC	I*	TC	.475	11.6	149/U with Armor
151	C/S	50	—	—	175C	C Tubing	—	.375	—	
152	C/S	50	—	—	2.50C Tube	C Tubing	—	6.125	—	
153	C/S	50	—	—	664C Tube	C Tubing	—	1.625	—	
154	C/S	50	—	—	1.315C Tube	C Tubing	—	3.325	—	
155	C/S	50	—	—	.341C Tube	C Tubing	—	.875	—	
156	C/S	50	30	Conductive Poly	3/23TC	Ila	TC-GS-TC	.540	—	Pulse Cable
157	C/S	50	38	Conductive Poly	19/24TC	Ila	TC-GS-TC	.725	—	Pulse Cable
158	C/S	25	70	Conductive Poly	37/21TC	Ila	TC-GS-TC	.725	—	Pulse Cable
159	**	50	29.0	Tef. Tape	205	V	S	155	—	Replaced by 142/U
160	21-493**	125	12.0	Poly	2 19/27TC 2 19/27C	I	C	1.055	—	Flexible 4 Conductor Twisted
160A	21-703**	125	12.0	Poly	2 19/27TC 2 19/27C	Ila	C Ribbon	1.055	—	Flexible 4 Conductor Twisted
161	421-619**	70	20	Teflon	7/38 SCB	Block Nylon	S	.082	—	
162	C/S	175	—	SS Teflon	196C Tube	C Tubing	—	3.065	—	
163	C/S									Rigid Rectangular Wave Guide
164	21-770	75	21.0	Poly	.1045C	Ila	C	.870	—	35B/U Less Armor
165	421-710**	50	29.5	Teflon	7/832S	V	S	.410	—	
166	421-713**	50	29.5	Teflon	7/832S	V*	S	.460	—	165/U with Armor
167	C/S									Rigid Rectangular Wave Guide
168	C/S									Rigid Rectangular Wave Guide
169	C/S									Rigid Rectangular Wave Guide
170	C/S									Rigid Rectangular Wave Guide
171	C/S									Rigid Rectangular Wave Guide
172	C/S									Rigid Rectangular Wave Guide
173	C/S									Rigid Rectangular Wave Guide
174	21-558	50	29.5	Poly	7/0063CW	I	TC	.100	.075	
175	C/S									Bead Supported Coaxial Line

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