



MINIATURE 50 OHM COAXIAL CABLES

RG/U #	RDS Part Number	Nominal Imped. (Ohms)	Inner Conductor	Dielectric Material	Shield	Jacket Nominal O.D.	Attenuation db / 100ft. @ 400 MHz	Nominal Capacitance (pF/FT)	Temp.
142 M17/60- RG 142	RG 142-S	50	0.0370" Silver Coated Copper Covered Steel	PTFE .116"	2 Silver Coated Copper Braids ( 96% Shield Coverage)	Brown Tinted <u>FEP</u> .195"	9.0	29.4	200°C
174 M17/119 -RG174	RG 174	50	26(7x34) Bare Copper Covered Steel	Poly- ethylene .060"	Tinned Copper Braid ( 90% Shield Coverage)	Black Non- Contam- inating <u>PVC</u> .110"	20.0	30.8	85°C
174A	RG 174-AU	50	26(7x34) Bare Copper Covered Steel	Poly- ethylene .060"	Tinned Copper Braid ( 90% Shield Coverage)	Black Non- Contam- inating <u>PVC</u> .100"	20.0	30.8	80°C
178 M17/93- RG 178	RG 178-S	50	30(7x38) Silver Coated Copper Covered Steel	PTFE .033"	Silver Coated Copper Braid ( 96% Shield Coverage)	Brown Tinted <u>FEP</u> .071"	29.0	29.4	200°C
188A	RG 188-AU	50	26(7x.0067) Silver Coated Copper Covered Steel	PTFE .060"	Silver Coated Copper Braid ( 96% Shield Coverage)	White Tape Wrapped <u>PTFE</u> .100"	20.0	29.4	200°C
196A	RG 196-AU	50	30(7x38) Silver Coated Copper Covered Steel	PTFE .033"	Silver Coated Copper Braid ( 96% Shield Coverage)	White Tape Wrapped <u>PTFE</u> .080"Max.	29.0	29.4	200°C
196Type Double Shield	250-3953- 0000	50	29 AWG Silver Coated Copper Covered Steel .0113"	PTFE .035"	2 Silver Coated Copper Braids ( 38 AWG .077" Max.)	Yellow Tape Wrapped <u>PTFE</u> .085"	25.0	27.0	200°C
196Type Low Noise (Mini- Noise)	250-3808- 0000	50	29 AWG Silver Coated Copper Covered Steel .0113"	PTFE Plus X2 Conductive Noise Barrier .035"	Silver Coated Copper Braid ( 38 AWG .057" Max.)	Yellow Tape Wrapped <u>PTFE</u> .110"	35.0	29.0	200°C
316 M17/113 -RG 316	RG 316-S	50	26(7x.0067) Silver Coated Copper Covered Steel	PTFE .060"	Silver Coated Copper Braid ( 96% Shield Coverage)	Brown Tinted <u>FEP</u> .098"	20.0	29.4	200°C



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316 M17/172 -00001	RG 316-U	50	26(7x.0067) Silver Coated Copper Covered Steel	PTFE .060"	Silver Coated Copper Braid ( 96% Shield Coverage)	White Tape Wrapped PTFE .098"	20.0	29.4	200°C
316Type Double Shielded	250-4021-0000	50	26(7x.0067) Silver Coated Copper Covered Steel	PTFE .060"	Double Silver Coated Copper Braid ( 40 AWG .094" Max.)	White Tape Wrapped PTFE .116"	20.0	29.0	200°C
402 M17/130 -RG 402	RG 402 (Semi-Rigid)	50	.0360" Silver Coated Copper Covered Steel	PTFE .119"	Bare Copper Tube	<u>None</u> .141"	7.2	29.4	125°C
402Type Flexible	RG 402-SS402	50	.0370 Silver Coated Copper Covered Steel	PTFE .117"	Silver Coated Copper Spiral Strip Plus Braid Silver Coated Copper Braid	Blue <u>FEP</u> .163"	8.0	29.4	200°C
405 M17/133 -RG 405	RG 405 (Semi-Rigid)	50	.0201" Silver Coated Copper Covered Steel	PTFE .066"	Bare Copper Tube	<u>None</u> .0865"	13.0	29.4	125°C
405Type Flexible	RG 405-SS405	50	.0201" Silver Coated Copper Covered Steel	PTFE .064"	Silver Coated Copper Spiral Strip Plus Braid Silver Coated Copper Braid	Blue <u>FEP</u> .104"	14.0	29.4	200°C

Other constructions are available. Consult the RDS Sales Staff for further information.