



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 FEP .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 PVC .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 PVC .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 FEP .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 PTFE .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 PTFE .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 PTFE .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 PTFE .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 FEP .098"	20.0	29.4	200°C



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.
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 <u>PTFE</u> .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 <u>PTFE</u> .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
High Speed Low Loss .063 OD	JC502801	50	28(7x36) Tinned Copper	Expanded Irradiated Polyolefin .037"	Tinned Copper Serve Plus Copper/Alum Tape Bonded to Jacket	PVC (Specify <u>Color</u>) .063"	11.9	24.0	105°C
High Speed Low Loss .076 OD	JC502601	50	26(7x34) Tinned Copper	Expanded Irradiated Polyolefin .043"	Tinned Copper Serve Plus Copper/Alum Tape Bonded to Jacket	PVC (Specify <u>Color</u>) .076"	9.1	24.0	105°C
High Speed Low Loss .089 OD	JC502401	50	24(7x32) Tinned Copper	Expanded Irradiated Polyolefin .055"	Tinned Copper Serve Plus Copper/Alum Tape Bonded to Jacket	PVC (Specify <u>Color</u>) .089"	7.3	24.0	105°C

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