



K. LACEY WIRES AND CABLES

Coaxial Types – RG

MANUFACTURED TO MIL-C-17

SPECIFICATION

IN ACCORDANCE WITH MIL-C-17

PRODUCT CHARACTERISTICS

Standard Military Coaxial cables (RG from Radio Guide, /U indicates multiple use)

MATERIAL ABBREVIATIONS

TCW:	Tinned Copper Wire	PE:	Polyethylene
SPC:	Silver Plated Copper	PTFE:	PolyTetraFlouroEthylene
CCS:	Copper Clad Steel	FEP:	Flourinated Ethylene
SPCCS:	Silver Plated Copper Clad Steel		Propylene
PCWB:	Plain Copper Wire Braid	PVC:	Polyvinyl Chloride
SPCWB:	Silver Plated Copper Wire Braid		
TCWB:	Tinned Copper Wire Braid		

RG Designator	Conductor	Strand	Dielectric	Dielectric Dia	Screen	Sheath	O/D	Nom. Imp. (ohms)	Rated Capacitance pF/m	Max Weight kg/km
RG58C/U	TCW	19/0.118mm	PE	2.95mm	TCWB	PVC	4.95mm	50	100	37
RG59B/U	CCS	1/0.58mm	PE	3.7mm	PCWB	PVC	6.15mm	75	67	52
RG142B/U	SPCCS	1/0.94mm	PTFE	2.95mm	2 x SPCWB	FEP	4.95mm	50	95	64
RG174A/U	CCS	7/0.16mm	PE	1.52mm	TCWB	PVC	2.80mm	50	100	13
RG178B/U	SPCCS	7/0.10mm	PTFE	0.84mm	SPCWB	FEP	1.80mm	50	105	9
RG179B/U	SPCCS	7/0.10mm	PTFE	1.60mm	SPCWB	FEP	2.54mm	75	75	16.9
RG180B/U	SPCCS	7/0.10mm	PTFE	2.59mm	SPCWB	FEP	3.58mm	95	57.1	27.2
RG188A/U	SPCCS	7/0.17mm	PTFE	1.52mm	SPCWB	PTFE	2.49mm	50	96	18
RG214/U	SPC	7/0.75mm	PE	7.25mm	2 x SPCWB	PVC	10.8mm	50	100	209
RG302/U	SPCCS	1/0.64mm	PTFE	3.71mm	SPCWB	FEP	5.13mm	75	72.2	56.1
RG303/U	SPCCS	1/0.94mm	PTFE	2.95mm	SPCWB	FEP	4.32mm	50	105	44.6
RG316/U	SPCCS	7/0.17mm	PTFE	1.52mm	SPCWB	FEP	2.49mm	50	96	16
RG400/U	SPC	19/0.203mm	PTFE	2.95mm	2 x SPCWB	FEP	4.95mm	50	105	67
RG404/U	SPCCS	7/0.10mm	PTFE	0.92mm*	SPCWB	FEP	1.85mm	50	32	8.13
RD316	SPCCS	7/0.17mm	PTFE	1.52mm	2 x SPCWB	FEP	2.93mm	50	105	22.81

*Semi Conducting Coating

OPL (Qualified Products List) approved MIL-C-17 coax cables are also available for military, commercial and industrial applications. Each specific M17 reference (i.e. M17/176-00001) defines the physical and electrical characteristics of that part number.

CONTACT US NOW FOR A QUOTATION

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INFORMATION GIVEN IS BASED ON GENERAL EXPERIENCE ONLY AND IS GIVEN IN GOOD FAITH. NO WARRANTY IS GIVEN WITH RESPECT TO THE INFORMATION AND USERS MUST DETERMINE THE SUITABILITY OF THE PRODUCT PRIOR TO ANY PARTICULAR USE.

AS9120 Rev A and ISO9001:2008 APPROVED BSI. RS000146 BAE APPROVED