



Radiofrequency MIL C-17 Standard

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APPLICATIONS:

- RF Equipment Interconnection
- RF TX/RX Antenna Feeder
- Antenna Jumpers / Computer Networks

Quality at right price !

50 Ohms

Coaxial cable construction

	RG-174 /U	RG-213 /U	RG-223 /U	RG-214 /U
Inner conductor	CCS	Cu	Cu Ag	Cu Ag
Dimension	7 x 0.16	7 x 0.75	0.90	7 x 0.75
Dielectric type	Solid PE	Solid PE	Solid PE	Solid PE
Dimension ∅ MM	1.52	7.25	2.95	7.25
Braid Type			Cu Ag	Cu Ag
Braid Coverage			>95%	>95%
Braid Type	Cu	Cu	Cu Ag	Cu Ag
Braid Coverage	>90%	>96%	>95%	>95%
Outer sheath	PVC	PVC	PVC	PVC
Dimension ∅ MM	2.56 ±0.1	10.2 ±0.2	5.4 ±0.1	10.8 ±0.15
Sheath	PVC	PVC	PVC	PVC
Bending radius MM	10	50	30	50
Operating Temperature	-30° C to +80° C	-30° C to +80° C	-30° C to +80° C	-30° C to +80° C

Electrical characteristics @ 20°C:

Impedance, Ohms	50	50	50	50
Capacitance, pF/m	100	101	100	101
D.C. Resistance (Inner Conductor)	<318 Ω / km	<6 Ω / km	<27.6 Ω / km	<6 Ω / km
D.C. Resistance (Outer Conductor)	<34 Ω / km	<7 Ω / km	<6.6 Ω / km	<3.5 Ω / km

Attenuation @ 20° C		MHz			
(Values ± 5%)	dB/100 m	50	100	400	800
	dB/100 m	21.4	6.0	4.2	7.0
	dB/100 m	57.4	13.1	13.3	
	dB/100 m		19.8		
	dB/100 m	1000	23.0	23.3	22.5
	dB/100 m	2500	40.0		40.0

Aprox. Net Weight:	kg. / km.	12	150	56	195
Standards:					
	MIL	MIL C-17	MIL C-17	MIL C-17	MIL C-17
	IEC / CEI	IEC 60096	IEC 60096	IEC 60096	IEC 60096
	RoHS	2002/95/EC	2002/95/EC	2002/95/EC	2002/95/EC
		2003/11/EC	2003/11/EC	2003/11/EC	2003/11/EC

Ordering code:

100 m Coil		002004A	002006A	002005A
250 m Reel	002023A	002004J		
305 m Reel		002004G		
500 m Drum		002004C		002005C
1000 m Drum	002023C	002004F	002006C	

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