

Technical Data Sheet

RG58C/U - COAXIAL CABLE TO MIL-C-17G

Technical Data

PRODUCT NUMBER	03.01.002		
CONDUCTOR	CONSTITUTION	20 AWG (19 / 0.18 mm)	
	MATERIAL	STRANDED TINNED COPPER WIRES	
	MATERIAL	LDPE	
INSULATION	THICKNESS	1.03 mm	
	O.D.	2.95 ± 0.10 mm	
	COLOR	NATURAL	
SHIELD	BRAID	16 / 7 / 0.12 mm. TINNED COPPER WIRES, WITH 95% COVERAGE Min.	
	MATERIAL	PVC (RoHS)	
JACKET	THICKNESS	0.73 mm	
	O.D.	4.95 ± 0.15 mm	
	COLOR	BLACK	
WEIGHT		39.60 Kg / 1Km	
MARDING		... M ... FEEDFLEX® RG58C/U COAXIAL CABLE 50 OHM TO MIL-C-17G ... M ...	

PERFORMANCE PROPERTIES

IMPEDANCE	50 ± 2 Ω					
CAPACITANCE	101 pF/M Nom.					
VELOCITY OF PROPAGATION	66% Nom.					
MAX. OPERATING TEMPERATURE. (°C)	-40 / 60°C					
MIN. BEND RADIUS	25,0 mm					
ATTENUATION	MHz	1	10	100	400	1000
(dB/100m)	dB	1.7	4.9	17.7	23.0	39.4
AVERAGE POWER	kW (at 20°C)	1,4	0,73	0,18	0,09	0,05
INNER CONDUCTOR RESISTANCE	35.4 Ω/Km Nom					
INSULATION RESISTANCE	100 M Ω-Km Min					
DIELECTRIC STRENGTH	1.0 KV / 1 min. Min.					

