

Technical Data Sheet

RG174/U - COAXIAL CABLE 50OHM TO MIL-C-17G

Technical Data

PRODUCT NUMBER	03.01.001		
CONDUCTOR	CONSTITUTION	26AWG (7 / 0.16 mm)	
	MATERIAL	STRANDED COPPER-CLAD STEEL WIRES	
	MATERIAL	LDPE	
INSULATION	THICKNESS	0.52 mm Nom.	
	O.D.	1.52 ± 0.10 mm	
	COLOR	NATURAL	
SHIELD	BRAID	16/4/0.10 mm, TINNED COPPER WIRES, WITH 85% COVERAGE Min.	
	MATERIAL	PVC (RoHS)	
JACKET	THICKNESS	0.40 mm Nom.	
	O.D.	2.75 ± 0.10 mm	
	COLOR	BLACK	
WEIGHT		15 Kg / 1Km	
MARDING		" ...M ... FEEDFLEX® RG174/U COAXIAL CABLE 50 OHM to MIL-C-17G ... M .."	

PERFORMANCE PROPERTIES

IMPEDANCE	50 ± 2 Ω									
CAPACITANCE	101.0 pF/M Nom.									
VELOCITY OF PROPAGATION	66% Nom.									
MAX. OPERATING TEMPERATURE. (°C)	-40 / 60°C									
MIN. BEND RADIUS	15,0 mm									
ATTENUATION	MHz	10	50	100	200	400	700	900	1000	
(dB/100m)	dB	10.8	19.0	27.6	41.0	62.3	88.6	101.7	111.5	
AVERAGE POWER	kW (at 20°C)	0.35	0.2	0.16	0.14	0.12	0.11	0.109	0.108	
INNER CONDUCTOR RESISTANCE	318 Ω/Km Nom									
INSULATION RESISTANCE	100 M Ω-Km Min									
DIELECTRIC STRENGTH	1.0 KV / 1 min. Min.									

