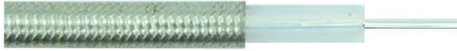


RG402FL

Semi Rigid and Conformable 50 Ohms Coaxial Cable



PART NUMBER:	RG402FL
CATAGORY:	SEMI-RIGID/FLEXIBLE
DESCRIPTION:	CABLE
IMPEDANCE:	50 OHMS
DIELECTRIC:	TEFLON
INSULATION DIAMETER:	0.116 IN.
OVERALL DIAMETER:	0.138 IN.

DIMENSIONS:

AWG:	19
STRANDING:	SOLID
DIAMETER:	0.036 IN.
MATERIAL:	SILVER PLATED COPPER COVERED STEEL

PHYSICAL & MECHANICAL CHARACTERISTICS:

OUTER SHIELD 1ST LAYER:	TAPE (COPPER FOIL)
OUTER SHIELD 2ND LAYER:	BRAID (TIN-FOILED COMPOSITE)
OPERATING TEMPERATURE RANGE:	-70 TO +200 DEGREES C
CABLE WEIGHT:	20.0 LBS/1000FT
MAXIMUM PULLING TENSION:	70 LBS.
INSTALL BEND RADIUS:	0.25 IN.
CONTINUOUS BEND RADIUS:	0.75 IN.

ELECTRICAL CHARACTERISTICS:

INDUCTANCE:	0.07 MICROHENRY/FT
CAPACITANCE:	29.5 pF/FT
VELOCITY OF PROPAGATION:	69.5%
DELAY:	1.46 NS/FT
CONDUCTOR DC RESISTANCE:	20.5 OHMS/1000FT @ 20 DEGREES C
OUTER SHIELD DC RESISTANCE:	4.5 OHMS/1000FT @ 20 DEGREES C

MAXIMUM VSWR:

A. 500 MHz:	1.1
B. 20.0 GHz:	1.3

NOMINAL ATTENUATION: (dB/100FT)

A. 500 MHz:	8.0
B. 1.0 GHz:	12.0
C. 3.0 GHz:	22.9
D. 5.0 GHz:	31.0
E. 10 GHz:	46.6
F. 18.0 GHz:	65.8

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ELECTRICAL CHARACTERISTICS CONTINUED:

NOMINAL POWER:	(WATTS)
A. 500 MHz:	600
B. 1.0 GHz:	401
C. 3.0 GHz:	211
D. 5.0 GHz:	157
E. 10 GHz:	105
F. 18 GHz:	74