

RG142LL

50-Ohm Flexible Coax Cable; 0.098" Diameter, Triple Shield, Translucent FEP Jacket



PART NUMBER:	RG142LL
CATAGORY:	LOW LOSS
DESCRIPTION:	CABLE
IMPEDANCE:	50 OHMS
DIELECTRIC:	EXPANDED TEFLON
OVERALL DIAMETER:	0.195"
DIELECTRIC DIAMETER:	0.1175"

PHYSICAL CHARACTERISTICS:

INNER BRAID:	0.128" DIAMETER (FLAT SILVER PLATED COPPER STRIP)
INTERLAYER:	0.133" DIAMETER (ALUMINUM KAPTON TAPE)
OUTER BRAID:	0.152" DIAMETER (ROUND WIRE SILVER PLATED COPPER)
CENTER CONDUCTOR:	0.037" DIAMETER (SILVER PLATED COPPER CLAD STEEL)
JACKET:	FLUORINATED ETHYLENE PROPYLENE
OPERATING TEMPERATURE:	-55 C TO +200 C
WEIGHT:	40 LBS/1000FT

ELECTRICAL CHARACTERISTICS:

CAPACITANCE:	29.4 PFARAD/FT
VELOCITY OF PROPAGATION:	69.4%
MAXIMUM OPERATING VOLTAGE:	

MAXIMUM ATTENUATION:	(dB/100FT)
A. 400 MHz:	7.8
B. 1 GHz:	12.7
C. 3 GHz:	23.3
D. 5 GHz:	31.6
E. 10 GHz:	47.5
F. 18 GHz:	68.2
CUT-OFF FREQUENCY (GHz):	34.2
MAXIMUM POWER:	
A. 400 MHz:	1100
B. 1 GHz:	550
C. 3 GHz:	350
D. 5 GHz:	245
E. 10 GHz:	140