



IMPEDANCE: 50 OHMS
INNER CONDUCTOR DIAMETER: .036"
INNER CONDUCTOR MATERIAL: SILVER COVERED COPPER CLAD STEEL
DIELECTRIC DIAMETER: .119"
DIELECTRIC MATERIAL: SOLID POLYTETRAFLUOROETHYLENE
OUTER DIAMETER: .141"
OUTER SHIELD: BARE COPPER TUBE
NOMINAL CAPACITANCE (pf/ft): 29.4
OPERATING TEMPERATURE: -55° TO +125° C
MAX OPERATING VOLTAGE (VOLTS RMS): 2,500

NOMINAL ATTENUATION (PER 100 FEET)

10 MHz	1.20dB
100 MHz	3.90dB
1 GHz	13.00dB
5 GHz	36.00dB
10 GHz	62.00dB

MAXIMUM POWER HANDLING (AVERAGE POWER IN WATTS)

10 MHz	9,000
100 MHz	2,400
1 GHz	650
5 GHz	245
10 GHz	140



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COAXIAL & FIBER OPTICS

DWG TITLE

RG402/U

DES. 50 OHM SEMI-RIGID

REV. A

FSCM NO. 53919

CAD FILE 022908

SCALE N/A

SIZE A

127

NOTES:

1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.
2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.
3. DIMENSIONS ARE IN INCHES.