

PASTERNAK ENTERPRISES RG316/U



IMPEDANCE: 50 OHMS
INNER CONDUCTOR DIAMETER: .0201" (7 STRANDS .0067")
INNER CONDUCTOR MATERIAL: SILVER COVERED COPPER CLAD STEEL
DIELECTRIC DIAMETER: .060"
DIELECTRIC MATERIAL: SOLID POLYTETRAFLUOROETHYLENE
NUMBER OF SHIELDS: 1
SHIELD MATERIAL: SILVER COVERED COPPER
OUTER DIAMETER: .102"
JACKET MATERIAL: FLUORINATED ETHYLENE PROPYLENE
NOMINAL CAPACITANCE (pf/ft): 29.4
OPERATING TEMPERATURE: -55° TO +200° C
MAX OPERATING VOLTAGE (VOLTS RMS): 1,200

NOMINAL ATTENUATION (PER 100 FEET)

10 MHz	3.80dB
100 MHz	11.50dB
1 GHz	30.00dB
5 GHz	79.00dB
10 GHz	133.00dB

MAXIMUM POWER HANDLING (AVERAGE POWER IN WATTS)

10 MHz	1,250
100 MHz	450
1 GHz	160
5 GHz	57
10 GHz	30



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COAXIAL & FIBER OPTICS

DWG TITLE

RG316/U

DES. 50 OHM COAXIAL CABLE

REV. A

FSCM NO. 53919

CAD FILE 022908

SCALE N/A

SIZE A

147

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.