

IMPEDANCE: 75 OHMS
INNER CONDUCTOR DIAMETER: .0477" (7X.0159)
INNER CONDUCTOR MATERIAL: TINNED COPPER
DIELECTRIC DIAMETER: .285"
DIELECTRIC MATERIAL: SOLID POLYETHYLENE
NUMBER OF SHIELDS: 2
SHIELD MATERIAL: BARE COPPER
OUTER DIAMETER: .425"
JACKET MATERIAL: BLACK POLYVINYLCHLORIDE, NON CONTAMINATING
NOMINAL CAPACITANCE (pf/ft): 20.6
OPERATING TEMPERATURE: −40° TO +80° C
MAX OPERATING VOLTAGE (VOLTS RMS): 5,000

NOMINAL ATTENUATION (PER 100 FEET)

10 MHz	.66dB
100 MHz	2.20dB
1 GHz	9.00dB
5 GHz	28.00dB

MAXIMUM POWER HANDLING (AVERAGE POWER IN WATTS)

10 MHz	2,500
100 MHz	650
1 GHz	150
5 GHz	50
10 GHz	26

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COAXIAL & FIBER OPTICS

DWG TITLE **RG216/U**

DES. 75 OHM COAXIAL CABLE

REV. A	FSCM NO. 53919	CAD FILE 022808	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.