

08/05/10 REV 2

129269

I. DESCRIPTION:

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RG-62A/U TYPE COAXIAL CABLE, IBM P/N 323921,  
ALUMINUM INTERLOCKED ARMOR, OVERALL PVC JACKET.

II. ELECTRICAL CHARACTERISTICS:

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NOM. IMPEDANCE: 93 OHMS  
 NOM. INDUCTANCE: .116 MICRO-H/FT.  
 NOM. CAPACITANCE  
 CONDUCTOR TO SHIELD: 13.5 PF/FT.  
 NOM. VELOCITY OF PROPAGATION: 84%  
 NOM. DELAY: 1.21 NS/FT.

ATTENUATION

NOMINAL

MHZ	DB/100 FT.
1	.25
10	.85
50	1.9
100	2.7
200	3.8
400	5.3
700	7.3
900	8.2
1000	8.7

NOM. SHIELD DC RESISTANCE: 2.9 OHMS/1000 FT.  
 NOM. CONDUCTOR DC RESISTANCE: 41.2 OHMS/1000 FT.  
 MAX. OPERATING VOLTAGE: 300 V RMS

III. PHYSICAL CHARACTERISTICS:

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TEMPERATURE RATING: -40 °C TO 60 °C  
NON-UL TEMPERATURE RATING: 80 °C  
CONDUCTOR MATERIAL & DIA: 22 AWG SOLID BARE COPPER  
COVERED STEEL, .025" NOM.  
DIELECTRIC MATERIAL & DIA: SEMI-SOLID POLYETHYLENE,  
.146" NOM.  
SHIELD TYPE AND % COVERAGE: B.C. BRAID; 95%  
INNER JACKET MATERIAL: PVC (BLACK)  
NOM. DIAMETER (CORE): .239" NOM.  
APPLICABLE SPECIFICATIONS (CORE): (UL) CM OR CL2  
C(UL) CM  
AWM 1478  
P-MSHA SC-182/3

AN INTERLOCKED ALUMINUM ARMOR & PVC JACKET ARE APPLIED  
OVER THE BELDEN 9269 CORE.

DIAMETER OVER ARMOR: .44"  
DIAMETER OVER PVC JACKET: .53"  
MIN. BENDING RADIUS: 6.4"  
MAX. PULLING TENSION: 205 LBS  
SPECIFICATIONS: (UL) CM  
CSA CMG HL  
FLAME RATING: UL 1685 VERTICAL TRAY  
CSA FT4