

08-30-10 REV. 2

YR54959

I. DESCRIPTION:

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RG-62A/U TYPE COAXIAL CABLE, LOW SMOKE ZERO HALOGEN  
JACKET, 34 AWG STAINLESS STEEL WIRE BRAID ARMOR,  
LOW SMOKE ZERO HALOGEN OUTER 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.

NOMINAL ATTENUATION			
MHZ	DB / 100 FT	MHZ	DB / 100 FT
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1	0.3	400	5.3
10	0.9	700	7.3
50	1.9	900	8.2
100	2.7	1000	8.7
200	3.8		

NOM. SHIELD DC RESISTANCE @ 20C: 9.7 OHMS/1000 FT.  
NOM. COND. DC RESISTANCE @ 20C: 41.2 OHMS/1000 FT.  
MAX. OPERATING VOLTAGE: 300 V RMS

III. PHYSICAL CHARACTERISTICS:

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TEMPERATURE RATING: -25 TO +80 DEG. C  
MIN. BENDING RADIUS: 4.0"  
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%  
JACKET MATERIAL & DIA: HALOARREST (BLACK)  
.240" NOM.  
\*ARMOR AND % COVERAGE: 34AWG (.0063") STAINLESS  
STEEL; 91%  
OUTER JACKET MATERIAL & DIA: HALOARREST (BLACK)  
OVERALL DIAMETER: .395" AVERAGE  
APPLICABLE SPECIFICATIONS: IEC 60332-3C