

## Technical Data Sheet

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
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)

\*ARMOR AND % COVERAGE: 34AWG (.0063") STAINLESS

STEEL; 91%

OUTER JACKET MATERIAL & DIA: HALOARREST (BLACK)

OVERALL DIAMETER: .395" AVERAGE APPLICABLE SPECIFICATIONS: IEC 60332-3C

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