

08-10-11 REV. 0

YR48329

I. DESCRIPTION:

RG-6/U TYPE PRECISION LOW LOSS SERIAL DIGITAL VIDEO COAX.

II. ELECTRICAL CHARACTERISTICS:

IMPEDANCE (*): 75 +/- 1.5 OHMS
 NOM. INDUCTANCE: .106 MICRO-H/FT.
 NOM. CAPACITANCE CONDUCTOR TO SHIELD: 16.2 PF/FT.
 NOM. VELOCITY OF PROPAGATION: 82 %
 NOM. DELAY: 1.24 NS/FT.
 NOM. CONDUCTOR DC RESISTANCE @ 20°C: 6.4 OHMS/1000 FT.
 NOM. SHIELD DC RESISTANCE @ 20°C: 2.8 OHMS/1000 FT.
 RETURN LOSS (**): 23DB MIN, 5 - 1600 MHZ
 21DB MIN, 1600 - 4500 MHZ

MAX. OPERATING VOLTAGE:

300 VRMS (UL)

NOM. ATTENUATION:

MHZ	DB/100 FT.	MHZ	DB/100 FT.
1	.24	180	2.57
3.58	.44	270	3.17
5	.52	360	3.69
7	.61	540	4.60
10	.71	720	5.38
67.5	1.65	750	5.50
71.5	1.69	1000	6.42
88.5	1.86	1500	7.99
100	1.95	2000	9.37
135	2.24	2250	10.01
143	2.30	3000	11.78
		4500	14.92

III. PHYSICAL CHARACTERISTICS:

TEMPERATURE RATING: -20 TO +75°C
 MIN. BEND RADIUS: 2.75"
 MAX. PULLING TENSION: 69 LBS.
 NOM. WEIGHT/1000 FT: 42 LBS.
 CONDUCTOR MATERIAL & DIA: 18 AWG SOLID BARE COPPER; .040" NOM.
 INSULATION MATERIAL & DIA: FOAM HIGH DENSITY POLYETHYLENE; .180" NOM.
 SHIELD TYPE & % COVERAGE: 1ST LAYER - DUOFOIL(R) SHIELD TAPE; 100% COV.
 2ND LAYER - TINNED COPPER BRAID; 95% COV.
 JACKET MATERIAL & DIA: PVC; .274" NOM.
 APPLICABLE SPECIFICATIONS: NONE
 FLAME RESISTANCE: NONE
 USE: SUITABLE FOR INDOOR AND OUTDOOR APPLICATIONS.

PRINT LEGEND:

"HomeNet Media - broadband multimedia & video coaxial cable 0-3GHz, indoor/outdoor, RG6/U, AWG18, 75ohm (sequential meter markings) meters"

* TESTED IN ACCORDANCE WITH ASTM D-4566 PARAGRAPH 43.2, OPTION 2 USING A 75 OHM FIXED BRIDGE AND TERMINATION.

** TESTED IN ACCORDANCE WITH ASTM D-4566 PARAGRAPH 45.3, USING A 75 OHM FIXED BRIDGE AND TERMINATION.