

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
		DRAWN AUTOCAD	02/22/13	

RG174A/U

CONDUCTOR: 7 STRANDS OF SIZE 34AWG BARE COPPER COVERED STEEL

DIELECTRIC: SOLID POLYETHYLENE, CONDUCTOR DIAMETER: .060 + OR - .003"

SHIELD: 38AWG TINNED PLATED COPPER 85% MIN COVERAGE

JACKET: BLACK NON-CONTAMINATING FIRE RETARDANT POLYVINYL CHLORIDE

DIAMETER: .100" + OR - .005"

CHARACTERISTIC IMPEDANCE: 50 OHM + OR - 2 Ohm

NOM. CAPACITANCE CONDUCTOR TO SHIELD: 30.8 pF/ft

NOM. VELOCITY OF PROPAGATION: 66%

NOM. CONDUCTOR DC RESISTANCE: DCR @ 20C 97 Ohm/1000ft

NOM. OUTSIDE SHIELD DC RESISTANCE: DCR @ 20C 10.7 Ohm/1000ft

PRINT LEGEND: VICTOR WIRE MIL-TYPE RG174A/U UL1354 6UQK4 RoHS

NOM. ATTENUATION:

MAX POWER RATING:

FREQ. (MHz)	(dB/100ft)
1	1.9
10	3.3
50	5.8
100	8.4
200	12.5
400	19
700	27
900	31
1000	34

FREQ. (MHz)	Watts
1	976
10	354
50	197
100	161
200	136
400	120
700	112
900	109
1000	108

MAX OPERATING VOLTAGE - UL: 30 V RMS (UL AWM STYLE 1354)

MAX OPERATING VOLTAGE - NON-UL: 1100 V RMS (MILITARY)

ALL MATERIALS USED FOR THIS CABLE ARE RoHS COMPLIANT PER EU DIRECTIVE 2002/95/EC

TEMPERATURE: -40C TO +85C

Victor Wire And Cable 3216 W. El Segundo Blvd. Hawthorne, CA 90250 ph#: 310-842-9933 fAX# 310-559-4167	RG174A/U			
	SIZE	FSCM NO.	DWG NO.	REV
			RG174A/U	
	SCALE		SHEET 1 OF 1	