

# 50 OHM - LOW NOISE RG 174 COAXIAL CABLE

## CONSTRUCTION DETAILS

A	CONDUCTOR	26 AWG 7/34 - BARE COPPER COVERED STEEL WIRE
B	DIELECTRIC	EXTRUDED POLYETHYLENE INSULATION - COLOR - NATURAL
C	COATING	EXTRUDED CONDUCTIVE (PVC) POLYVINYL CHLORIDE
D	SHIELD	BRAIDED 38 AWG TIN PLATED COPPER - 90% MINIMUM COVERAGE
E	JACKET	EXTRUDED (PVC) POLYVINYL CHLORIDE

## DIAMETER (INCH) NOM.

0.019
0.044
0.056
0.083
0.105

## PROPERTIES

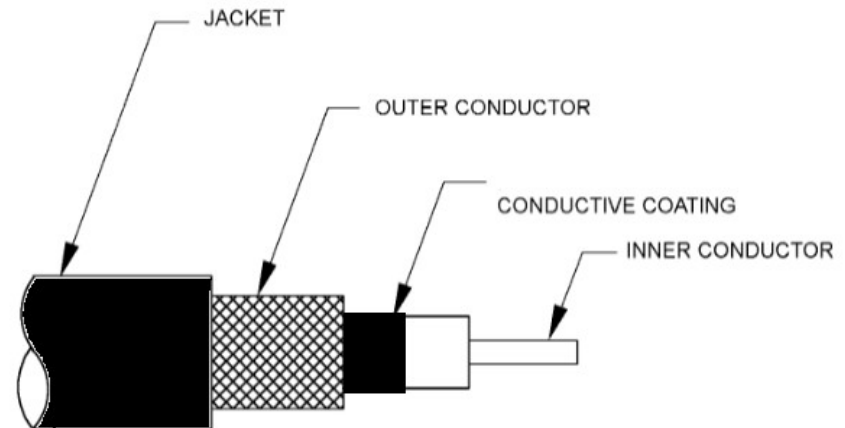
IMPEDANCE	50 OHMS +/-2
TEMPERATURE	-40°C to 80°C
VELOCITY OF PROPAGATION	62% (NOM.)
CAPACITANCE	
CONDUCTOR TO SHIELD - 38pF/FT	
MAX OPERATING VOLTAGE - 1100 VOLT RMS	

MAX NOISE	5mV PEAK TO PEAK
INNER CONDUCTOR	
DC RESISTANCE (NOM @ 20C) 97.0 OHMS PER 1000 FT	
OUTER SHIELD	
DC RESISTANCE (NOM @ 20C) 14.0 OHMS PER 1000 FT	

WEIGHT 7.00 LBS/1000 FEET (NOM.)

## PACKAGING

TO BE SUPPLIED ON BULK REELS  
100 FT MINIMUM LENGTHS



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REVISIONS

N/A	1/5/2004	INITIAL RELEASE	

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