

50 OHM RG 178 DOUBLE SHIELDED COAXIAL CABLE

CONSTRUCTION DETAILS

A	CONDUCTOR	30 AWG 7/38 SILVER PLATED COPPER
B	INSULATION	EXTRUDED PTFE
C	INNER SHIELD	BRAIDED 38 AWG SILVER PLATED COPPER - 95% COVERAGE
D	OUTER SHIELD	BRAIDED 38 AWG SILVER PLATED COPPER - 95% COVERAGE
E	JACKET	EXTRUDED FEP - COLOR TRANSLUCENT BROWN

DIAMETER (INCH) NOM.

0.012
0.033
0.049
0.065
0.084

PROPERTIES

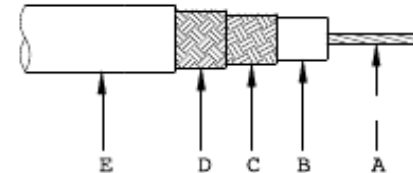
TEMPERATURE	-55°C to 200°C
IMPEDANCE	50 OHMS +/-2
CAPACITANCE	32.0 pF/ft Max
VELOCITY OF PROPAGATION	69.5% (NOM.)
ATTENUATION	
@ 50 MHz	11.6 dB/100 ft. (nom.)
@ 100 MHz	16.0 dB/100 ft. (nom.)
@ 400 MHz	33.0 dB/100 ft. (nom.)
@ 1 GHz	52.0 dB/100 ft. (nom.)
@ 3 GHz	94.0 dB/100 ft. (nom.)

TIME DELAY 1.45 ns/ft Nom.
CUT OFF FREQUENCY: 116 GHz

MINIMUM BEND RADIUS: .42"

WEIGHT 9.0 LBS/1000 FEET (NOM.)

FLAMMABILITY: SHALL PASS FAA FAR 25.853/869



PACKAGING

TO BE SUPPLIED ON BULK REELS
100 FOOT MINIMUM LENGTHS



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REVISIONS

N/A	7/11/1997	INITIAL RELEASE

WHITMOR/WIRENETICS
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