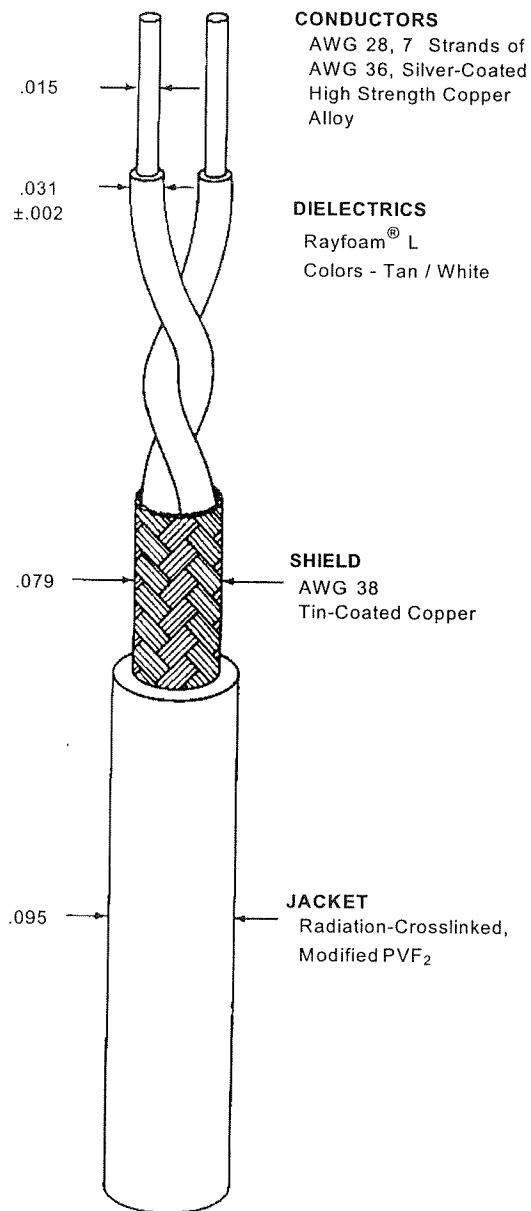


CHEMINAX100 OHM, AWG 28, RADIO FREQUENCY,
7 STRANDS OF AWG 36, TWIN CONDUCTOR CABLEDate: 01-11-02
Revision:

THIS SPECIFICATION SHEET FORMS A PART OF THE LATEST ISSUE OF RAYCHEM SPECIFICATION 1200.

CONSTRUCTION DETAILS

DIMENSIONS ARE NOMINAL VALUES IN INCHES UNLESS OTHERWISE DESIGNATED.

**ELECTRICAL CHARACTERISTICS**

CHARACTERISTIC IMPEDANCE	100 ± 5 ohms, Method C at 1 MHz
CAPACITANCE - MUTUAL	14.9 pF/ft. (nominal)
VELOCITY OF PROPAGATION	73% (nominal)

ADDITIONAL REQUIREMENTS**ELECTRICAL**

CONDUCTOR RESISTANCE	74.0 ohms/1000 ft. (nominal)
INSULATION RESISTANCE	10,000 megohms (minimum) for 1000 ft.
JACKET FLAWS	
SPARK TEST	1.0 kv (rms)
PULSE TEST	6.0 kV (peak)
VOLTAGE WITHSTAND (DIELECTRIC)	1000 volts (rms) (minimum)

ENVIRONMENTAL

FLAMMABILITY	Method B
HEAT SHOCK	225°C
LOW TEMPERATURE- COLD BEND	-55°C/2.75 inch mandrel
VOLTAGE WITHSTAND (POST ENVIRONMENTAL)	1000 volts (rms), 1 minute

PHYSICAL

INSULATION (DIELECTRIC) (Prior to Cabling)	
ELONGATION	50% (minimum)
TENSILE STRENGTH	1000 lbf/in ² (minimum)
JACKET	
ELONGATION	200% (minimum)
TENSILE STRENGTH	4000 lbf/in ² (minimum)
JACKET THICKNESS	.008 inch (nominal)
SHIELD COVERAGE	90% (minimum)

WEIGHT

6.4 lbs/1000 ft. (nominal)

Outer jacket will be white (designated by a "-9" appended to the part number, e.g., 0028G1214-9) unless otherwise specified.

Designate outer jacket color with a dash number in accordance with MIL-STD-681.

Raychem300 Constitution Drive
Menlo Park, California 94025
1-800-2 Raychem Fax: 1-650-361-6297THIS SPECIFICATION SHEET TAKES PRECEDENCE
OVER DOCUMENTS REFERENCED HEREIN. REFERENCE
DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT
ON DATE OF INVITATION FOR BID.