

SPECIFICATION CONTROL DRAWING 9530H1014-9X[®]

CHEMINAX

95 OHM, AWG 30, 7 STRANDS OF AWG 38, COAXIAL CABLE

Date: 5-21-85

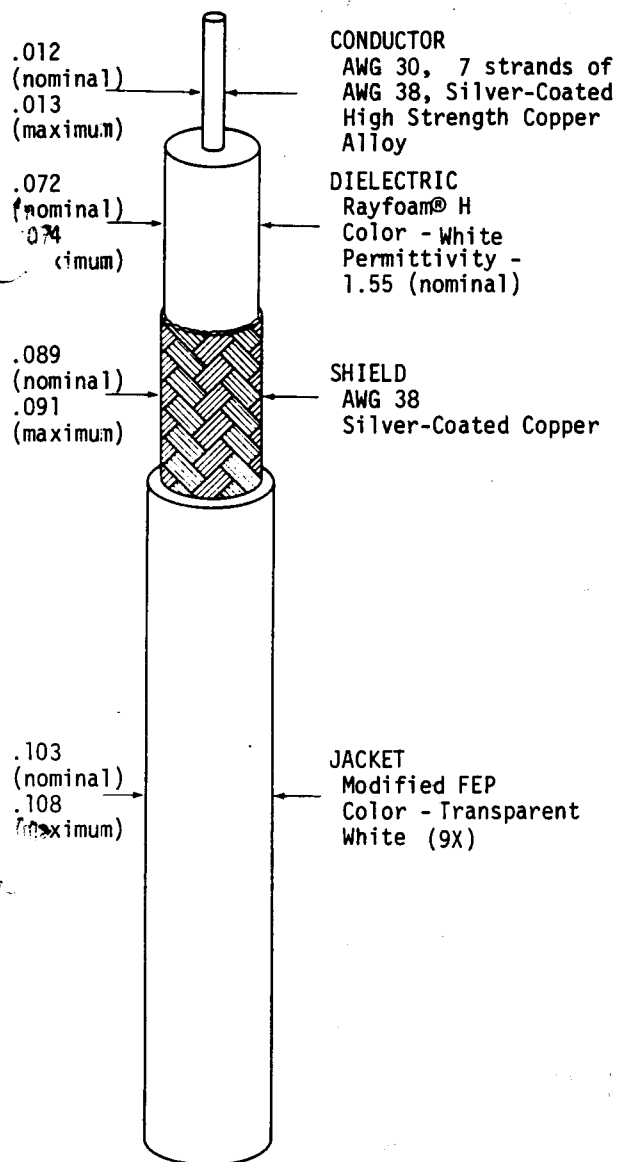
Revision: E

COMPLETE 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	95 ± 5 ohms, Method B
CAPACITANCE	13.5 pF/ft. (nominal) at 1 kHz 14.6 pF/ft. (maximum) at 1 kHz
VELOCITY OF PROPAGATION	80% (nominal)

ADDITIONAL REQUIREMENTS

<u>ELECTRICAL</u>	
CONDUCTOR RESISTANCE	118. ohms/1000 ft. (maximum)
INSULATION RESISTANCE	10,000 megohms (minimum) for 1000 ft.
<u>JACKET FLAWS</u>	
SPARK TEST	1.0 kV, 60 Hz (rms)
IMPULSE TEST	6.0 kV (peak)
PARTIAL DISCHARGE (CORONA)	850 volts (minimum)
VOLTAGE WITHSTAND (DIELECTRIC)	1000 volts (minimum)
<u>ENVIRONMENTAL</u>	
AGING STABILITY	135°C/-55°C/2.75 inch mandrel
FLAMMABILITY	Method B, except 3 seconds (maximum) afterburn
HEAT SHOCK	225°C
LOW TEMPERATURE - COLD BEND	-55°C/2.75 inch mandrel
<u>PHYSICAL</u>	
<u>INSULATION (DIELECTRIC)</u>	
ELONGATION	50% (minimum)
TENSILE STRENGTH	600 psi (minimum)
<u>JACKET</u>	
ELONGATION	150% (minimum)
TENSILE STRENGTH	1000 psi (minimum)
JACKET THICKNESS	.006 inch (minimum) .009 inch (maximum)
SHIELD COVERAGE	90% (minimum)

WEIGHT 9.0 lbs/1000 ft. (maximum)

Raychem

Raychem Corporation
300 Constitution Drive
Menlo Park, California 94025
415) 361 3333 TWX 910 373 1205

THIS SPECIFICATION SHEET TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN. REFERENCE DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATION FOR BID.

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Coaxial Cables](#) category:

Click to view products by [TE Connectivity](#) manufacturer:

Other Similar products are found below :

[89880-003-1000](#) [89913-010-1000](#) [633938-009-U1000](#) [633948-877-1000](#) [639948-877-1000](#) [643948-877-U1000](#) [CY2389-000](#) [8213-010-1000](#)
[8221-010-U1000](#) [8233-010-1000](#) [88281-010-500](#) [1322R-010-1000](#) [1505A-N3U-1000](#) [1523AP-010-1000](#) [1807A-B59-U1000](#) [9167-010-1000](#)
[9251-010-1000](#) [9275-010-U1000](#) [935240-000](#) [9659-010-1000](#) [980704-001](#) [1855P-010-1000](#) [CF2823-000](#) [33312-010-500](#) [CY2581-000](#)
[CY2582-000](#) [CZ1589-000](#) [5022W0809-0CS3263](#) [10610-4-4](#) [EF8108-000](#) [6139B8-009-1000](#) [613948-009-1000](#) [1673B TIN100](#) [633938-877-](#)
[U1000](#) [672525-001](#) [1530AP-877-1000](#) [144517-000](#) [1369R-010-1000](#) [134655-000](#) [8-1616396-1](#) [8263-010-U1000](#) [8263 010U500](#) [480414-](#)
[000](#) [8262 010U1000](#) [7915A 009U1000](#) [5024A1311-0](#) [TRC-75-1](#) [1281S5 010250](#) [1281S5 000250](#) [1530A 010U1000](#)