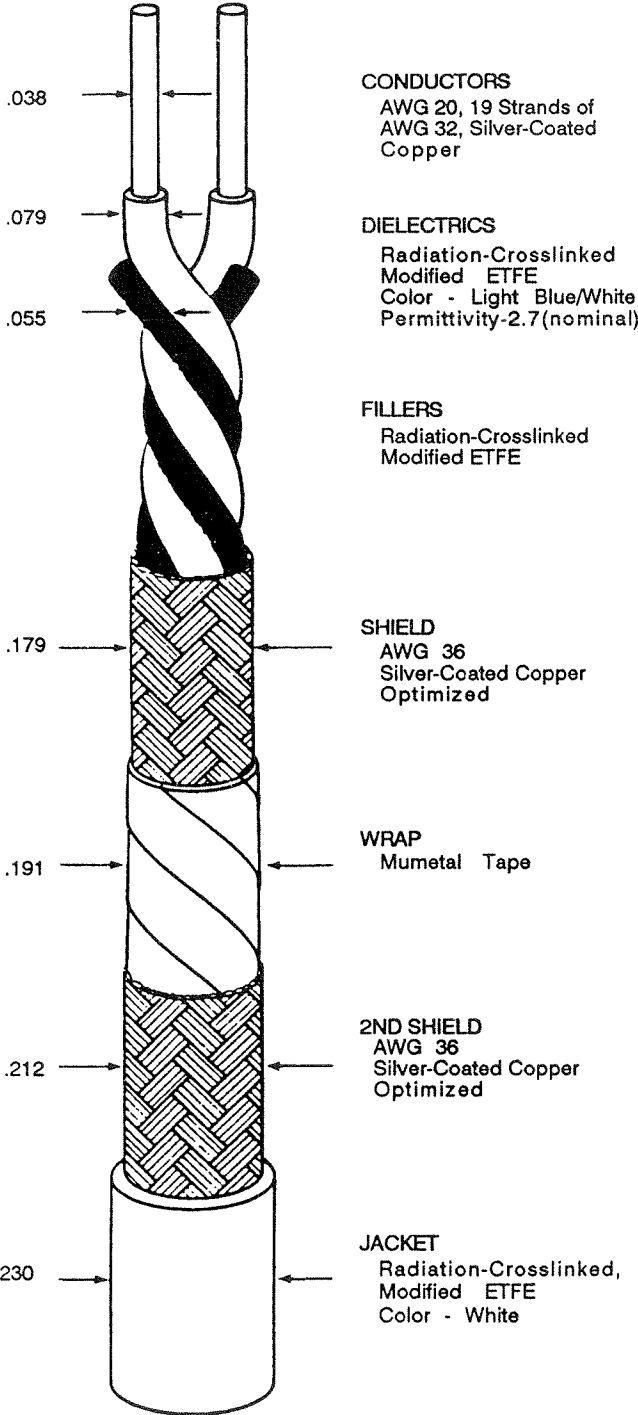


THIS SPECIFICATION SHEET FORMS A PART OF THE LATEST ISSUE OF RAYCHEM SPECIFICATION 1200.

**CONSTRUCTION DETAILS**

DIMENSIONS ARE NOMINAL VALUES IN INCHES UNLESS OTHERWISE DESIGNATED.



**ELECTRICAL CHARACTERISTICS**

CHARACTERISTIC IMPEDANCE	77 ± 5 ohms, Method C at 1 MHz
CAPACITANCE - MUTUAL	30 pF/ft. (maximum)
ATTENUATION	1.0 dB/100 ft. (nominal) at 1 MHz
SURFACE TRANSFER IMPEDANCE	.2 Milliohms/meter (max) at 30 MHz

**ADDITIONAL REQUIREMENTS**

COMPONENT WIRE PRIOR TO CABLING (Per MIL-W-22759)

ACCELERATED AGING (Per MIL-W-22759 Life Cycle Procedure)	300 ± 3°C for 7 hours, 1.00 inch mandrel, .500 lb. 2.5 kV dielectric test
LOW TEMPERATURE-COLD BEND	-65 ± 2°C for 4 hours, 1.50 inch mandrel, 1.00 lb. 2.5 kV dielectric test
SHRINKAGE	200 ± 3°C for 6 hours, .125 inch (maximum) in 12.0 inches
INSULATION RESISTANCE INSULATION (DIELECTRIC)	5000 megohms for 1000 ft. (minimum)
TENSILE STRENGTH	5000 lbf/in <sup>2</sup> (minimum)
ELONGATION	50% (minimum)
IMPULSE DIELECTRIC TEST	8.0 kV (peak), 100% test

FINISHED CABLE (Per MIL-C-27500)

BLOCKING	200°C for 6 hours
LOW TEMPERATURE-COLD BEND	-65 ± 2°C for 4 hours, 6.0 inch mandrel
CROSSLINKED VERIFICATION	300 ± 5°C for 6 hours, 2.25 inch mandrel
FLAMMABILITY (Per Raychem Spec 55A, Procedure 1)	3 seconds (maximum); 3.0 inches (maximum); no flaming of facial tissue
SHIELD COVERAGE (EACH)	90% (minimum)
JACKET FLAWS	1000 volts, 60 Hz, 100% test
VOLTAGE WITHSTAND (DIELECTRIC)	1000 volts (rms) (minimum)
JACKET THICKNESS	.009 inch thick (nominal) .007 inch thick (minimum)
JACKET TENSILE STRENGTH	5000 lbf/in <sup>2</sup> (minimum)
ELONGATION	50% (minimum)
WRAP	.002 inch thick (nominal), 25% overlap (minimum)

WEIGHT	57.2 lbs/1000 ft. (nominal)
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Designate outer jacket color with a dash number in accordance with MIL-STD-681