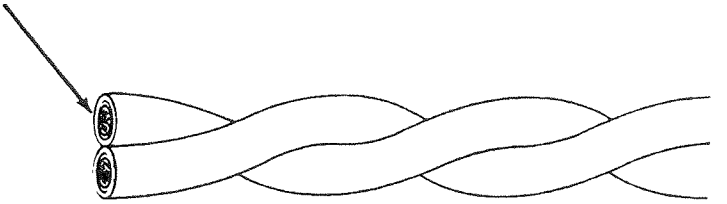
SPECIFICATION CONTROL DRAWING

55FA0421

TITLE	Date	Revision
TWO CONDUCTOR CABLE, FILTER LINE - ELECTROLOSS™	2-26-92	F

This specification sheet forms a part of the latest issue of Raychem Specification 55F.

COMPONENT WIRES - 55FA0411



CABLE CONSTRUCTION DETAILS				
PART NUMBER	CONDUCTOR SIZE (AWG)	OUTSIDE DIAMETER (in.)		MAXIMUM WEIGHT (lb/1000 ft)
		NOMINAL	MAXIMUM	
55FA0421-22-*	22	.124	.130	10.4
55FA0421-20-*	24	.140	.147	14.3
55FA0421-18-*	18	.160	.168	19.8
55FA0421-16-*	16	.172	.181	23.9
55FA0421-14-*	14	.200	.210	33.9
55FA0421-12-*	12	.254	.262	53.2
55FA0421-10-*	10	.302	.312	79.8

CABLE RATINGS AND ADDITIONAL REQUIREMENTS

TEMPERATURE RATING: 150°C
Maximum continuous conductor temperature
VOLTAGE RATING: 600 volts (rms)
* BLOCKING: 200 ± 3°C for 6 hours
INSULATION FLAWS:
Spark Test, 3.0 kV (rms), 60 Hz
Impulse Dielectric Test, 8.0 kV (peak)
VOLTAGE WITHSTAND (DIELECTRIC): Conductor to conductor, 1500 volts (rms) 60 Hz

* Qualification Test

NOTE: Nominal values are for information only.
Nominal values are not requirements.

PART NUMBER:
The "*" in the part numbers above shall be replaced by color code designators; except that violet shall be light violet and the designator shall be 7L; with a slash separating the component wire colors.
Example: AWG 22, light violet and light violet with blue stripe component wires:
55FA0421-22-7L/7L6

COLORS AND COLOR CODE DESIGNATORS SHALL BE IN ACCORDANCE WITH MIL-STD-681.

DIMENSIONS ARE IN INCHES, AND UNLESS OTHERWISE DESIGNATED ARE NOMINAL.

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

Raychem
Raychem Corporation
300 Constitution Drive, Menlo Park, California 94025
(415) 361 3333 TWX 910 373 1728

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