



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



# SPECIFICATION CONTROL DRAWING

55FA0421

TITLE

TWO CONDUCTOR CABLE, FILTER LINE - ELECTROLOSS™

Date

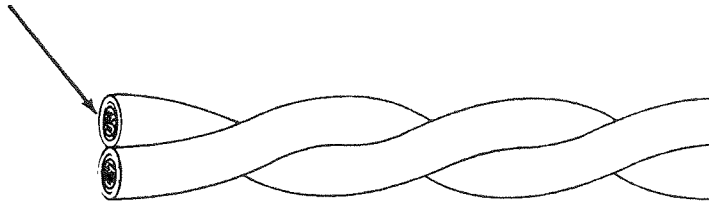
2-26-92

Revision

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

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

\* Qualification Test

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

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

DIMENSIONS ARE IN INCHES, AND UNLESS OTHERWISE DESIGNATED ARE NOMINAL

**Raychem**

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