

SPECIFICATION CONTROL DRAWING

55FA0541

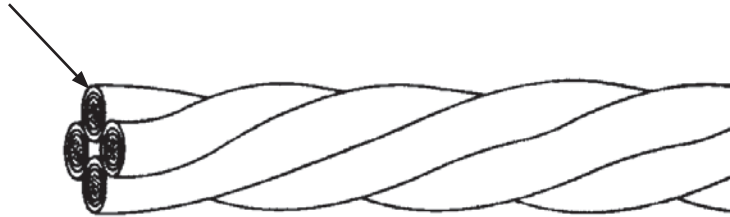
TITLE
FOUR CONDUCTOR CABLE, UNSHIELDED, UNJACKETED, FILTER LINE - ELECTROLOSS

Date
8-6-10

Revision
B

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

COMPONENT WIRES - 55FA0511



| CABLE CONSTRUCTION DETAILS | | | | |
|----------------------------|----------------------------|------------------------------|---------|-------------------------------------|
| PART NUMBER 1/ | CONDUCTOR SIZE (AWG) | OUTSIDE DIAMETER (inches) | | MAXIMUM WEIGHT (lbs/1000 ft.) |
| | | NOMINAL | MAXIMUM | |
| 55FA0541-22-* | 22 | .123 | .149 | 16.3 |
| 55FA0541-20-* | 20 | .143 | .171 | 23.7 |
| 55FA0541-18-* | 18 | .169 | .201 | 35.5 |
| 55FA0541-16-* | 16 | .189 | .226 | 45.7 |
| 55FA0541-14-* | 14 | .230 | .272 | 65.7 |
| 55FA0541-12-* | 12 | .271 | .319 | 97.9 |
| 55FA0541-10-* | 10 | .329 | .388 | 151. |

CABLE RATINGS AND ADDITIONAL REQUIREMENTS

TEMPERATURE RATING: 150°C

Maximum continuous conductor temperature

VOLTAGE RATING: 600 volts (rms) at sea level

INSULATION FLAWS:

Spark Test, 3.0 kV (rms) at 60 Hz

5.7 kV (rms) at 3 kHz

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. Colors shown do not necessarily reflect the sequence of manufacturing.

1/ Example: AWG 22, light violet, light violet with an orange stripe, light violet with a green stripe and light violet with a blue stripe component wires: 55FA0541-22-7L/7L3/7L5/7L6

This product meets or exceeds all requirements of SAE AS85485/11 for 22-14 AWG, less identification. Internal wire sizes 22-10 AWG meet or exceed all requirements of SAE AS85485/9, less identification. All other AWG sizes meet or exceed all requirements of SAE AS85485, less identification.

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

Users should evaluate the suitability of this product for their application. Specifications are subject to change without notice.
Tyco Electronics also reserves the right to make changes in materials or processing, which do not affect compliance with any specification, without notification to Buyer.

1/ COLORS AND COLOR CODE DESIGNATORS SHALL BE IN ACCORDANCE WITH MIL-STD-681. HOWEVER, DUE TO LENGTH LIMITATIONS OF THE RAYCHEM PART NUMBER, AN ALTERNATIVE COLOR CODE MAY REPLACE MIL-STD-681 COLOR CODE DESIGNATORS. (EXAMPLE: "901/902..." MAY BE REPLACED BY "Axxx".) OTHER CODES AND SUFFIXES MAY BE ADDED TO THE PART NUMBER AS NECESSARY, TO CAPTURE ANY ADDITIONAL REQUIREMENTS IMPOSED BY THE PURCHASE ORDER.

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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.



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