



| SPECIFICATION CONTROL DRAWING | | SCD | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|----------------------------------|--|--|--|--|-------------------|-------------------------|----------------------------|--|----------------------------------|---------|---------|---------------|----|------|------|-----|---------------|----|------|------|-----|---------------|----|------|------|-----|---------------|----|------|------|-----|---------------|----|------|------|-----|---------------|----|------|------|-----|---------------|----|------|------|------|---------------|----|------|------|------|
| 55LF0124 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Title | TWO CONDUCTOR CABLE, UNSHIELDED, UNJACKETED, ULTRA LOW FLUORIDE, GENERAL PURPOSE, 600 VOLT | Date | 10-17-18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Revision | C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| This specification sheet forms a part of the latest issue of Raychem Specification 55A. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <div style="display: flex; align-items: center; margin-bottom: 20px;"> <div style="margin-right: 10px;">COMPONENT WIRES - 55LF0114</div>  </div> <div style="text-align: center;"> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <tr> <th colspan="5">CABLE CONSTRUCTION DETAILS</th> </tr> <tr> <th rowspan="2">PART NUMBER 1/</th> <th rowspan="2">CONDUCTOR SIZE (AWG)</th> <th colspan="2">OUTSIDE DIAMETER (inch)</th> <th rowspan="2">MAXIMUM WEIGHT (lbs/1000 ft.)</th> </tr> <tr> <th>NOMINAL</th> <th>MAXIMUM</th> </tr> <tr><td>55LF0124-30-*</td><td>30</td><td>.048</td><td>.052</td><td>1.3</td></tr> <tr><td>55LF0124-28-*</td><td>28</td><td>.054</td><td>.058</td><td>1.8</td></tr> <tr><td>55LF0124-26-*</td><td>26</td><td>.064</td><td>.068</td><td>2.8</td></tr> <tr><td>55LF0124-24-*</td><td>24</td><td>.074</td><td>.078</td><td>4.0</td></tr> <tr><td>55LF0124-22-*</td><td>22</td><td>.086</td><td>.090</td><td>5.8</td></tr> <tr><td>55LF0124-20-*</td><td>20</td><td>.100</td><td>.104</td><td>8.9</td></tr> <tr><td>55LF0124-18-*</td><td>18</td><td>.120</td><td>.124</td><td>13.3</td></tr> <tr><td>55LF0124-16-*</td><td>16</td><td>.136</td><td>.140</td><td>16.9</td></tr> </table> </div> <div style="text-align: center; margin-top: 20px;"> <p>CABLE RATINGS AND ADDITIONAL REQUIREMENTS</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>TEMPERATURE RATING: 200°C Maximum continuous conductor temperature</p> <p>VOLTAGE RATING: 600 volts (rms) at sea level</p> <p>COMPONENT WIRE COLOR: Per MIL-STD-681, except light colors (xL) shall meet Munsell color limits for UV laser markable wire in SAE AS22759.</p> <p>DIELECTRIC WITHSTAND: 1500 volts (rms), 60 Hz</p> <p>INSULATION FLAWS: Spark Test, 5.7 kV (rms) at 3 kHz Impulse Dielectric Test, 8.0 kV (peak)</p> </div> <div style="width: 45%;"> <p>1/ PART NUMBER: The "*" in the part numbers above shall be replaced by color code designators with a slash separating the component wire colors. Example: AWG 22, light blue and white component wires: 55LF0124-22-6L/9</p> </div> </div> <p style="margin-top: 20px;">NOTE: Nominal values are for information only. Nominal values are not requirements.</p> </div> | | | | CABLE CONSTRUCTION DETAILS | | | | | PART NUMBER 1/ | CONDUCTOR SIZE (AWG) | OUTSIDE DIAMETER (inch) | | MAXIMUM WEIGHT (lbs/1000 ft.) | NOMINAL | MAXIMUM | 55LF0124-30-* | 30 | .048 | .052 | 1.3 | 55LF0124-28-* | 28 | .054 | .058 | 1.8 | 55LF0124-26-* | 26 | .064 | .068 | 2.8 | 55LF0124-24-* | 24 | .074 | .078 | 4.0 | 55LF0124-22-* | 22 | .086 | .090 | 5.8 | 55LF0124-20-* | 20 | .100 | .104 | 8.9 | 55LF0124-18-* | 18 | .120 | .124 | 13.3 | 55LF0124-16-* | 16 | .136 | .140 | 16.9 |
| CABLE CONSTRUCTION DETAILS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PART NUMBER 1/ | CONDUCTOR SIZE (AWG) | OUTSIDE DIAMETER (inch) | | MAXIMUM WEIGHT (lbs/1000 ft.) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | NOMINAL | MAXIMUM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 55LF0124-30-* | 30 | .048 | .052 | 1.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 55LF0124-28-* | 28 | .054 | .058 | 1.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 55LF0124-26-* | 26 | .064 | .068 | 2.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 55LF0124-24-* | 24 | .074 | .078 | 4.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 55LF0124-22-* | 22 | .086 | .090 | 5.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 55LF0124-20-* | 20 | .100 | .104 | 8.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 55LF0124-18-* | 18 | .120 | .124 | 13.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 55LF0124-16-* | 16 | .136 | .140 | 16.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>Users should evaluate the suitability of this product for their application. Specifications are subject to change without notice.</p> <p>TE Connectivity also reserves the right to make changes in materials or processing, which do not affect compliance with any specification, without notification to Buyer.</p> <p>1/ COLOR CODE DESIGNATORS SHALL BE IN ACCORDANCE WITH MIL-STD-681, EXCEPT LIGHT COLORS SHALL BE DESIGNATED WITH AN "L" AFTER THE COLOR CODE (0L, 1L, 2L, etc.). 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.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Page 1 of 1 | Raychem, TE Connectivity, and TE connectivity (logo) are trademarks. | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 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. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | <p>Raychem Wire & Cable 501 Oakside Avenue Redwood City, CA 94063-3800 Phone: 1-800-522-6752 Fax: 1-650-361-6297</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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