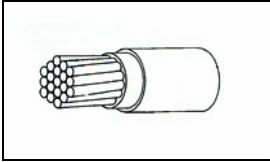


## 81044/12-16-9 Product Details



**81044/12-16-9**

TE Internal Number: 282229-005



### Spec 44, Spec 55 and Spec RCW Wire and Cable

 Always EU RoHS/ELV Compliant (Statement of Compliance)

#### Product Highlights:

- Cable Type = Spec 44
- Wire Source = United States
- Cable Style = Primary
- Wire Size (AWG/CM) = 16 AWG
- Voltage Rating = 600 VAC

Documentation & Additional Information	
<p><b>Product Drawings:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">WIRE, ELECTRIC, RADIATION-CROSSLINKED, TIN-COATED CO...</a> (PDF, English)</li> </ul> <p><b>Catalog Pages/Data Sheets:</b></p> <ul style="list-style-type: none"> <li>• None Available</li> </ul> <p><b>Product Specifications:</b></p> <ul style="list-style-type: none"> <li>• None Available</li> </ul> <p><b>Application Specifications:</b></p> <ul style="list-style-type: none"> <li>• None Available</li> </ul> <p><b>Instruction Sheets:</b></p> <ul style="list-style-type: none"> <li>• None Available</li> </ul> <p><b>CAD Files:</b></p> <ul style="list-style-type: none"> <li>• None Available</li> </ul>	<p><b>Related Products:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Tooling</a></li> </ul>

Product Features (Please use the Product Drawing for all design activity)	
<p><b>Product Type Features:</b></p> <ul style="list-style-type: none"> <li>• Cable Type = Spec 44</li> <li>• Cable Style = Primary</li> </ul> <p><b>Electrical Characteristics:</b></p> <ul style="list-style-type: none"> <li>• Voltage Rating (VAC) = 600</li> </ul> <p><b>Dimensions:</b></p> <ul style="list-style-type: none"> <li>• Conductor Outer Diameter (mm [in]) = 1.42 [0.056]</li> </ul> <p><b>Body Features:</b></p> <ul style="list-style-type: none"> <li>• Wire Size (AWG/CM) = 16 AWG</li> <li>• Conductor Type = Tin-Plated Copper</li> <li>• Wire Color = White</li> <li>• Nominal Outside Diameter (mm [in]) = 1.83 [0.072]</li> <li>• Wire Diameter (mm [in]) = 1.83 [0.072]</li> </ul> <p><b>Configuration Features:</b></p> <ul style="list-style-type: none"> <li>• Number of Conductors = 1</li> </ul>	<p><b>Industry Standards:</b></p> <ul style="list-style-type: none"> <li>• Government/Industry Qualification = Yes</li> <li>• Government/Industry Part Number = M81044/12-16-9</li> <li>• RoHS/ELV Compliance = RoHS compliant, ELV compliant</li> <li>• Lead Free Solder Processes = Not relevant for lead free process</li> <li>• RoHS/ELV Compliance History = Always was RoHS compliant</li> </ul> <p><b>Conditions for Usage:</b></p> <ul style="list-style-type: none"> <li>• Temperature Range (°C) = -65 - +150</li> <li>• Wire Size - Details = 16 AWG 1.23 mm<sup>2</sup>, 0.002 in<sup>2</sup>, 19 x 29 AWG</li> </ul> <p><b>Operation/Application:</b></p> <ul style="list-style-type: none"> <li>• Application = General Purpose - Lightweight</li> </ul> <p><b>Packaging Features:</b></p> <ul style="list-style-type: none"> <li>• Wire Source = United States</li> </ul> <p><b>Other:</b></p> <ul style="list-style-type: none"> <li>• Brand = Raychem</li> </ul>