82A0111-12-9

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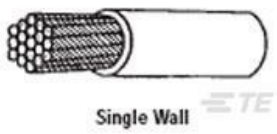

Raychem

TE Internal #: **753895-000**
TE Internal Description: **82A0111-12-9**
Alias #: **1195877-9**

Cable Type : **Spec 80**
Voltage Rating (V): **600**
Insulation Material : **Modified Radiation Cross-linked ETFE Polymer**
Conductor Material : **Tin-Coated Copper**
Wire Size (AWG): **12**

Order Samples

Compatible Parts & Tooling

QTY:

Extended Price:

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Documents | Features | Product Compliance

Product Drawings	82A0111-12-9 82A0111-12-9 English
Datasheets & Catalog Pages	1654025_Sec9_SPEC80 ENG_CS_1654025_Sec9_SPEC80_0313.pdf English
Product Specifications	Product Specification ENG_SS_SPEC80_1A3.pdf English

Please review product documents or contact us for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

Product Type Features	Cable Type : **Spec 80** Product Type : **Wire**
Configuration Features	Number of Strands : **665** Number of Conductors : **1**
Electrical Characteristics	Voltage Rating (V): **600**

Body Features	Insulation Material : **Modified Radiation Cross-linked ETFE Polymer** Conductor Material : **Tin-Coated Copper** Wire Color : **White**
Dimensions	Strand Size (AWG): **40** Wire Size (AWG): **12** Cable Insulation Thickness (in): **.006** Conductor Diameter : **2.565 mm [.101 in]** Wire Diameter : **3.07 mm [.121 in]** Overall Outside Diameter : **3.07 mm [.121 in]**
Usage Conditions	Operating Temperature Range (°C): **-65 – 150, -65 – 150**
EU RoHS Directive 2011/65/EU	*This declaration covers EU Directive 2011/65/EU incl. Delegated Directive 2015/863/EU. The restrictions under 2015/863/EU apply as of 22 July 2021 for EEE categories 8 (medical devices) and 9 (monitoring and control equipment).*
EU ELV Directive 2000/53/EC	
China RoHS 2 Directive MIIT Order No 32, 2016	
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: **JAN 2019 (197)** Candidate List Declared Against: **JAN 2019 (197)**
Halogen Content	
Solder Process Capability	Not applicable for solder process capability
Statement of Compliance	Statement of Compliance pdf
Compliance Documents	There may be Environmental Compliance related documents on the DOCUMENTATION Tab
Disclaimer	This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead,

hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles'(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.