55/9952-16-9(LAT3) ✔ ACTIVE

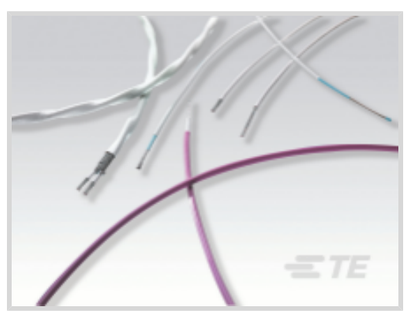
RAYCHEM

TE Internal #: 1075453003

600 V, Silver-Plated High Strength Copper Alloy, 16 AWG, 1.31 mm² Wire, -65 – 200 °C [-85 – 392 °F], Hook Up Wire

View on TE.com >

Wire & Cable > Hook Up Wire > ESA Approved Space Wire: Silver Coated Wire, 12-18 AWG



Cable Type: **Spec 55/**

Operating Voltage: **600 V**

Wire & Cable Insulation Material: **Radiation-Crosslinked, Modified Fluoropolymer**

Conductor Material: **Silver-Plated High Strength Copper Alloy**

Wire Size: **16 AWG**

All ESA Approved Space Wire: Silver Coated Wire, 12-18 AWG (8)

Features

Product Type Features

Cable Style	Special Construction

Configuration Features

Number of Strands	19
Number of Conductors	1

Electrical Characteristics

Resistance Rating Conditions (Max)	14.8 Ω/1000 m @ 20°C
Operating Voltage	600 V

Body Features

Wire & Cable Insulation Material	Radiation-Crosslinked, Modified Fluoropolymer
Conductor Material	Silver-Plated High Strength Copper Alloy
Wire Color (Base)	White

Dimensions

Weight (Nominal)	14.05 kg/km
Outside Cable Diameter	1.83 mm[.072 in]
Conductor Diameter Range	1.46 – 1.51 mm[.057 – .059 in]

Wire Size	1.31 mm²

Usage Conditions

Cable Type	Spec 55/
Operating Temperature Range	-65 – 200 °C[-85 – 392 °F]

Other

Product Source	UK

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

Product Compliance 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 Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-on-reach

Compatible Parts

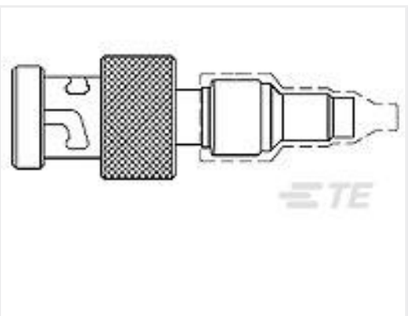


TE Part # A36675-000
D-200-83

Customers Also Bought



TE Part #878462-000
S1125-KIT-1



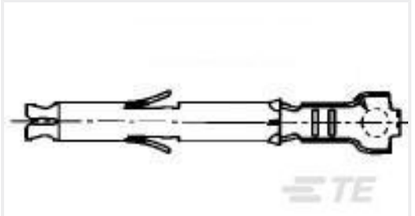
TE Part #019439-000
DK-621-0433-1P



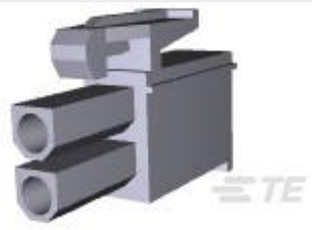
TE Part #60619-4
CMNL SOK PTPPHBZ L/P



TE Part #170364-3
MINI UNIVERSAL M-N-L PIN LP



TE Part #170366-1
MINI UNIVERSAL M-N-L SOCKET LP



TE Part #172165-1
2 CIR UNIV M-N-L PLUG NATL

Documents

Datasheets & Catalog Pages

ESA_Approved_Space_Wires

English