5019D3318-9 ✔ ACTIVE

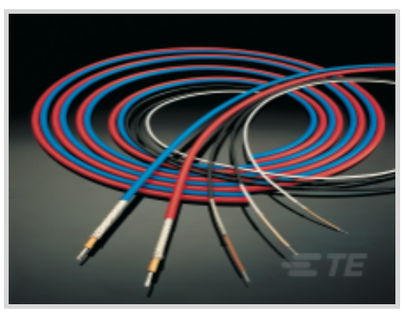
RAYCHEM

TE Internal #: 420051-000

Coaxial, 50 ohm, 18 AWG Wire Size, High Speed Digital & Data Cable

View on TE.com >

Wire & Cable > High Speed Digital & Data Cable



Cable Type: **Coaxial**

Impedance: **50 Ω**

Wire Size: **18 AWG**

Operating Temperature Range: **-55 – 115 °C**

Features

Product Type Features

Cable Style	Round Braided

Electrical Characteristics

	27.1 pF/ft
Impedance	50 Ω

Signal Characteristics

Velocity of Propagation	75 %

Body Features

Shield Type	Double
Cable Color	White
Shield Plating Material	Silver
Shield Material	Copper
Jacket Material	Thermorad S

Dimensions

Cable Dielectric Diameter	2.57 mm[.101 in]
Outside Cable Diameter	4.45 mm[.175 in]
Conductor Diameter Range	.91 mm[.036 in]
Wire Size	18 AWG

Usage Conditions

Cable Type	Coaxial
Operating Temperature Range	-55 – 115 °C

Other

Product Source	US
Dielectric Material	Rayfoam L

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	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
Halogen Content	Out of Scope - excluded from Halogen requirements
Solder Process Capability	Not applicable for solder process capability

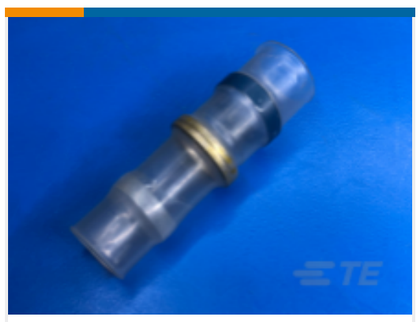
Product Compliance Disclaimer

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

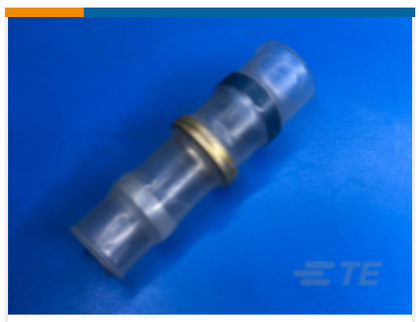
Customers Also Bought



TE Part #015283-000
B-070-19-13



TE Part #E31307-000
B-155-01-01



TE Part #F00831-000
B-155-02-01



TE Part #5054054004
RNF-100-3/32-8-SP



TE Part #ZPF000000000039055
983-7S 16-24 PN-L



TE Part #3352073001
99M1121-12-0/9-0



TE Part #CQ93473001
99M1131-16-0/5/9-0



TE Part #CT63733001
99M0131-20-2/6/9

Documents

Product Drawings

5019D3318-9

English

Datasheets & Catalog Pages

Raychem Cheminax RF Coaxial Cables and RF Connectors Selection Guide

English

Product Specifications

Product Specification

English