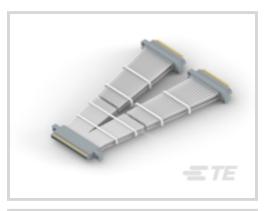# 2016746-7 ！PRELIMINARY

TE Internal #: 2016746-7

.7 m [.295 ft], Black Cable, 0 – 1.6 GHz, 50 ohm, FEP Jacket, 28 – 30 AWG, 1.37 mm [.054 in] Diameter, Massive Channel Coaxial End A

View on TE.com >

Cable Assemblies > RF Cable Assemblies

Cable Assembly Length: .7 m [.295 ft]

Cable Color: Black

Operating Frequency: 0 – 1.6 GHz

Impedance: 50 Ω

Jacket Material: FEP

Features

Product Type Features

Cable Assembly (End A)	Massive Channel Coaxial
Cable Assembly (End B)	Massive Channel Coaxial
Coax Cable Type	1.37mm Coax

Electrical Characteristics

Insulation Resistance	50 MΩ
Operating Voltage	30 V
Impedance	50 Ω

Signal Characteristics

Velocity of Propagation	66 %

Body Features

Conductor Material	Copper
Strain Relief Type	None
Shield Plating Material	Tin
Conductor Plating Material	Gold
Shield Material	Copper Wire

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Cable Color	Black
Jacket Material	FEP

Contact Features

Ferrule Plating Material	Gold
Ferrule Material	Copper
Contact Mating Area Plating Material	Gold (Au)
Contact Base Material	Beryllium Copper
Center Contact Plating Material	Gold

Dimensions

Wire Size	28 – 30 AWG
Outside Cable Diameter	1.37 mm[.054 in]

Usage Conditions

Operating Temperature Range	-45 – 85 °C[-45 – 185 °F]

Operation/Application

Operating Frequency	0 – 1.6 GHz

Other

Cable Assembly Length	.7 m[.295 ft]

Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Not Yet Reviewed
Halogen Content	Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free
Solder Process Capability	Not reviewed 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

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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.

Compatible Parts

TE Part # 2386423-2

spring rec assy,256pos,w/ post,8.4rivet

TE Part # 2081996-1

64 CHANNELS RF CONNECTOR STRADDLE TYPE

TE Part # 2386423-3

spring rec assy,256pos,w/ post,4.0rivet

Documents

Datasheets & Catalog Pages

Massive_coaxial_connectors-en-flyer

English

Product Specifications

Product Specification

English