

2483407-3 ✓ ACTIVE

TE Internal #: 2483407-3

HDBNC Cable Assembly, 3.28 ft [1 m], Black Cable, 0 – 12 GHz

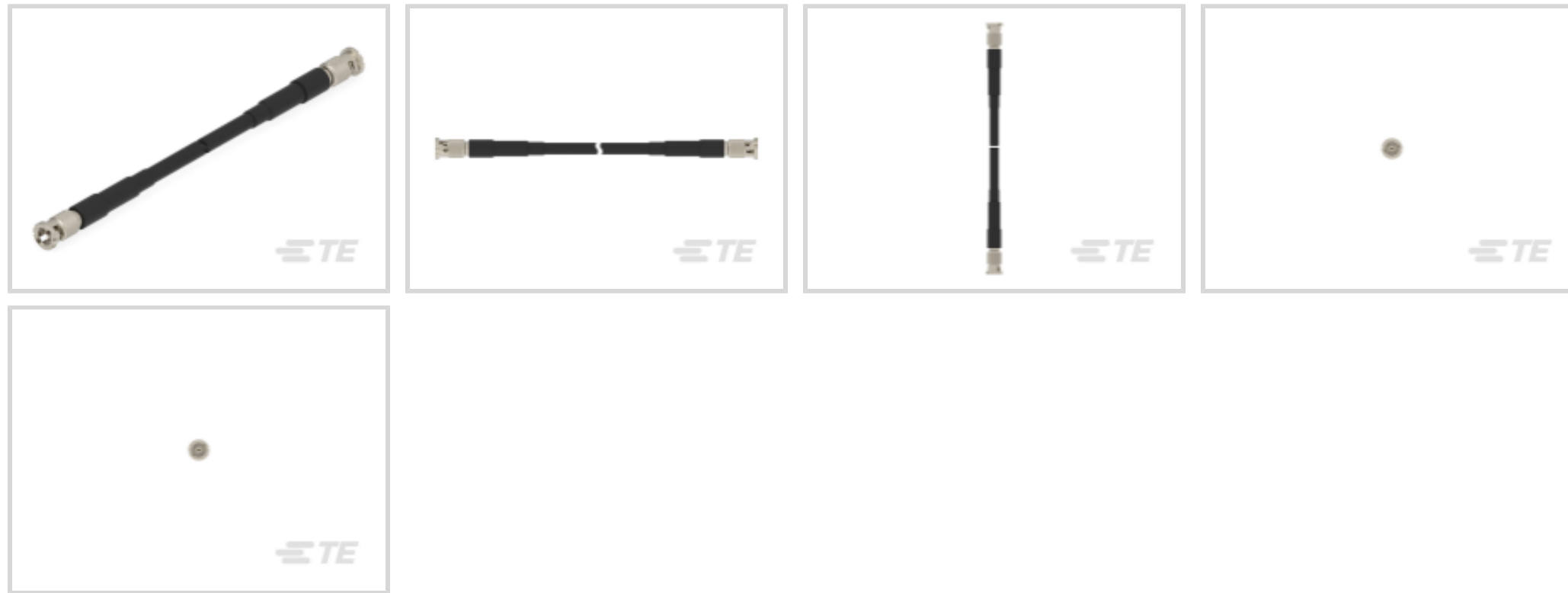
Operating Frequency, 75 Ω , PVC, .157 in [4 mm] Diameter, HDBNC

Plug, HDBNC Plug

[View on TE.com >](#)



Cable Assemblies > RF Cable Assemblies



Cable Assembly Type: HDBNC

Cable Assembly (End A): HDBNC Plug

Cable Assembly (End B): HDBNC Plug

Jacket Material: PVC

Cable Assembly Length: 1 m [3.28 ft]

Features

Product Type Features

| | |
|------------------------|------------|
| Coax Cable Type | NFC55a NF |
| Cable Assembly Type | HDBNC |
| Cable Assembly (End A) | HDBNC Plug |
| Cable Assembly (End B) | HDBNC Plug |

Configuration Features

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|---------------------|---|
| Number of Positions | 1 |
|---------------------|---|

Electrical Characteristics

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|-------------------|-------------|
| Operating Voltage | 170 VAC |
| Impedance | 75 Ω |

Body Features

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|-----------------------|--------------------|
| Body Plating Material | Nickel over Copper |
| Jacket Material | PVC |
| Cable Color | Black |

Contact Features



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|------------------------|------|
| Center Contact Plating | Gold |
|------------------------|------|

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|-----------------------|-----------------|
| Contact Base Material | Phosphor Bronze |
|-----------------------|-----------------|

Dimensions

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|------------------------|---------------|
| Outside Cable Diameter | 4 mm[.157 in] |
|------------------------|---------------|

Usage Conditions

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|-----------------------------|---------------------------|
| Operating Temperature Range | -30 – 75 °C[-22 – 167 °F] |
|-----------------------------|---------------------------|

Operation/Application

| | |
|---------------------|------------|
| Operating Frequency | 0 – 12 GHz |
|---------------------|------------|

Other

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|---------------------|------|
| Dielectric Material | PTFE |
|---------------------|------|

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|-----------------------|--------------|
| Cable Assembly Length | 1 m[3.28 ft] |
|-----------------------|--------------|

Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

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|------------------------------|---------------------------|
| EU RoHS Directive 2011/65/EU | Compliant with Exemptions |
|------------------------------|---------------------------|

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|-----------------------------|------------------|
| EU ELV Directive 2000/53/EC | Not Yet Reviewed |
|-----------------------------|------------------|

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|---|--------------------------------------|
| China RoHS 2 Directive MIIT Order No 32, 2016 | Restricted Materials Above Threshold |
|---|--------------------------------------|

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|--|--|
| EU REACH Regulation (EC) No. 1907/2006 | <p>Current ECHA Candidate List: JAN 2024 (240)</p> <p>Candidate List Declared Against: JAN 2024 (240)</p> <p>SVHC > Threshold:</p> <p>Pb (3.6% in Component Part)</p> <p>Article Safe Usage Statements: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.</p> |
|--|--|

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|-----------------|--|
| Halogen Content | Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free |
|-----------------|--|

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|---------------------------|--|
| 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 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



Documents

Product Drawings

[HDBNC M to M Str 12G 75 Ohm NFC55a 1M](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2483407-3_1.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2483407-3_1.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2483407-3_1.3d_igs.zip](#)

English

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Product Specifications

[Product Specification](#)

English