



Wire & Cable > Power Cable



Cable Type: **FDR25S**
Operating Voltage: **1000 VAC**
Wire & Cable Insulation Material: **Radiation-Crosslinked Polyester**
Operating Temperature Range: **-55 – 130 °C [-67 – 266 °F]**
Wire Size: **2 AWG**

Features

Product Type Features

Wall Type	Single Wall
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Configuration Features

Number of Strands	2646
Number of Conductors	1

Electrical Characteristics

Operating Voltage	1000 VAC
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Body Features

Wire Color (Base)	Black
Wire & Cable Insulation Material	Radiation-Crosslinked Polyester
Conductor Material	Tin-Plated Copper

Dimensions

Strand Size	36 AWG
Outside Cable Diameter	12.6 – 13.5 mm[.498 – .532 in]
Conductor Diameter Range	8.5 mm[.335 in]
Wire Size	2 AWG

Usage Conditions

Cable Type	FDR25S
Operating Temperature Range	-55 – 130 °C[-67 – 266 °F]



Packaging Features

Packaging Method	Reel
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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: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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 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 # 9-120035-5
[HarnWare/HarnVis Purchase Charge](#)

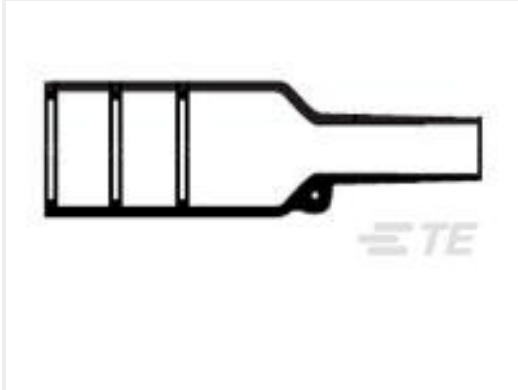


TE Part # 9-120035-6
[HarnWare/HarnVis Renewal Charge](#)

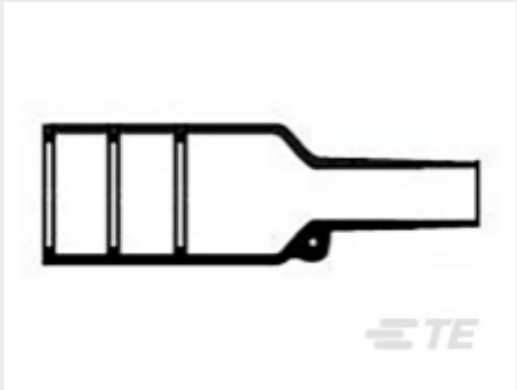
Customers Also Bought



TE Part #EF6675-000
[FDR25S-0-0](#)



TE Part #253127-000
[202K232-25-00-0](#)



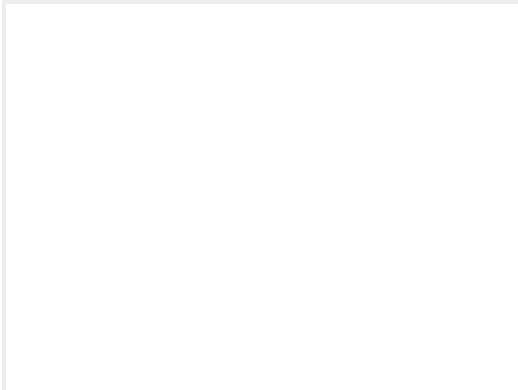
TE Part #CAT-R21-731072
[Bulbous Heat Shrink Boots: Lipped, Straight](#)



TE Part #AAD3927-00
[97H1-09-1-B](#)



TE Part #CAT-R21-73106549
[Bulbous Heat Shrink Boots: Lipped, Right Angle](#)



TE Part #EF6041-000
[DR-25-3/4-0-100FT/CSP](#)

Documents

Product Drawings

[FDR25S-2-0](#)

English

Product Specifications

[Product Specification](#)

English