



Wire & Cable > Multicore Cable > EN 50306-3-RAIL Three Core Cable



Conductor Diameter Range: 2.15 mm [.085 in]

Number of Strands: 37

Strand Size: 29 AWG

Outside Cable Diameter: 6.8 – 7.8 mm [.268 – .307 in]

Operating Voltage: 300 V

[All EN 50306-3-RAIL Three Core Cable \(0\)](#)

Features

Product Type Features

Wall Type	Single Wall
Cable Style	Round Braided Shielded & Jacketed

Configuration Features

Number of Strands	37
Number of Conductors	3

Electrical Characteristics

Operating Voltage	300 V
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Body Features

Cable Shield Size	36 AWG
Shield Material	Tin-Plated Copper
Cable Color	Black
Wire Color (Base)	White
Conductor Material	Tin-Plated Copper

Dimensions

Conductor Diameter Range	2.15 mm[.085 in]
Strand Size	29 AWG

Outside Cable Diameter	6.8 – 7.8 mm [.268 – .307 in]
Wire Size	2.5 mm ²
Conductor Insulation Diameter	2.74 mm [.106 in]

Usage Conditions

Operating Temperature Range	-40 – 120 °C
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Operation/Application

Shielded	Yes
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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	Not Yet Reviewed
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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed for solder process capability

Product Compliance Disclaimer

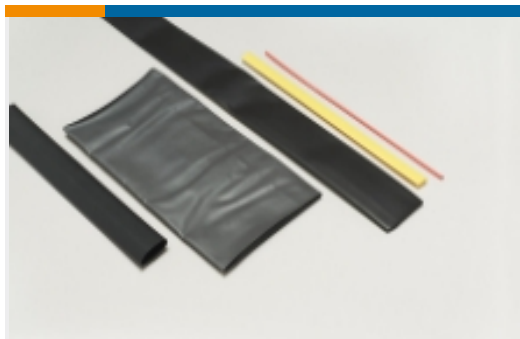
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 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 # CAT-R2137-Z612F
RL1131 Three Core Cable

Also in the Series | RAYCHEM ZH-100



Heat Shrink Tubing(16)

Customers Also Bought



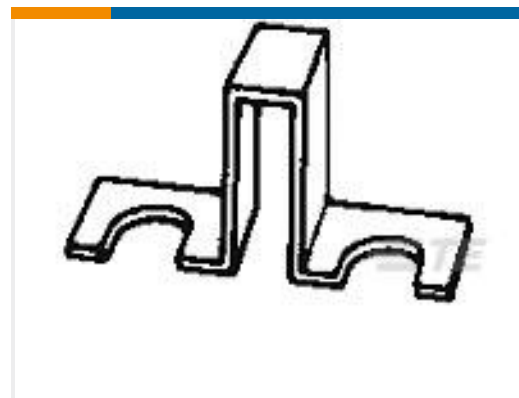
TE Part #1658689-1
D-Sub Crimp Recpt Signal 26 Posn,
Socket Size 22, Shell Size 2



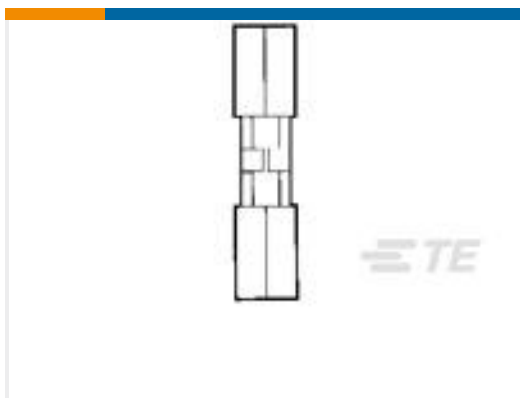
TE Part #1658679-1
KIT,HDP-22,ENCLSUR,PLUG,SIZE 2



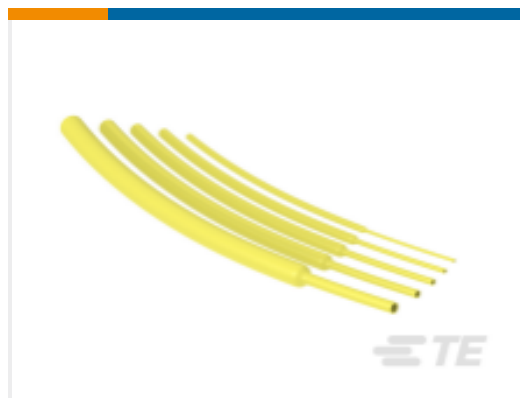
TE Part #12333-20
CONT SOC ASSY



TE Part #1776058-1
Over-the-Barrier Jumper, .437 CL



TE Part #8-321198-1
SPLICE,SOLIS BUTT 26-22



TE Part #NB13492001
RNF-100-3/4-YO-STK



TE Part #0007-008-100
CONT SOC ASSY



TE Part #81542-20
CONT SOC ASSY

Documents

Product Drawings

[EN50306-3-RAIL-3X2.50](#)

English

Datasheets & Catalog Pages

[WTDS004 EN 50306 WIRE AND CABLE](#)

English



WTDS-024 Current Capacity of TE Connectivity Rail Signal Wire Products

English