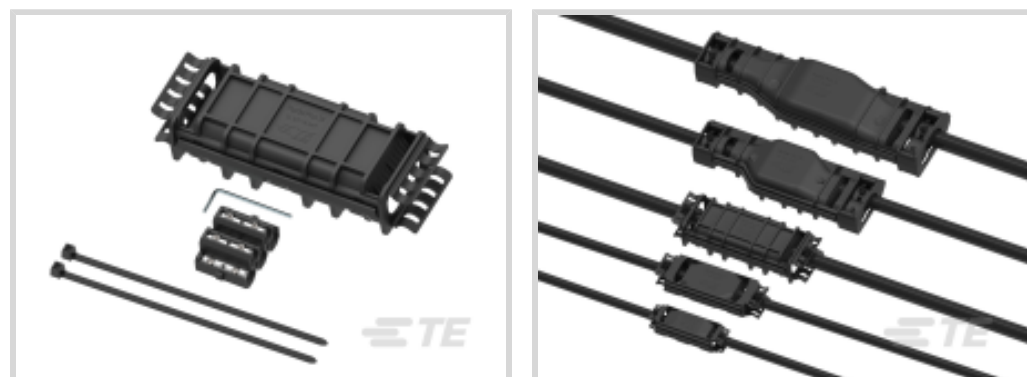




Energy & Power > Power Cable Accessories > Joints & Splices > RayGel Plus Joint



Joints & Splice Product Availability: Americas, Asia, Australia, New Zealand & Pacific Islands, China, Europe, Middle East & Africa

Joints & Splice Technology: Cold Applied, Cold Shrink

Joints & Splice Voltage Class: ≤ 1 kV

Joints & Splice Product Type: LV Gel Joint

Cross-Section Range: 2.5 – 16 mm²

[All RayGel Plus Joint \(9\)](#)

Features

Product Type Features

| | |
|--------------------------------|---------------------------|
| Case Seal | Gel |
| Strain Relief | Yes |
| Connector Type | Connector Block |
| Filler | PowerGel |
| Cable Seal | Gel |
| Joints & Splice Technology | Cold Applied, Cold Shrink |
| Joints & Splice Product Type | LV Gel Joint |
| Insulation | Polymeric |
| Mechanical Connectors Included | Yes |
| Closing Method | Snap |

Configuration Features

| | |
|----------------------------|---|
| Number of Main Wires (Max) | 5 |
|----------------------------|---|

Electrical Characteristics

| | |
|-------------------------------|--------|
| Joints & Splice Voltage Class | ≤ 1 kV |
|-------------------------------|--------|

Body Features

| | |
|-----------------------|---------------------|
| Partition Orientation | Horizontal/Vertical |
|-----------------------|---------------------|



| | |
|-------|-------|
| Color | Black |
|-------|-------|

Dimensions

| | |
|----------------------------------|--------------------------|
| Cable Diameter (Min) (Main) | 10 mm |
| Cross-Section Range | 2.5 – 16 mm ² |
| Cable Cross-Section (Max) (Main) | 16 mm ² |
| Cable Cross-Section (Min) (Main) | 2.5 mm ² |
| Cable Diameter (Max) (Main) | 26 mm |

Usage Conditions

| | |
|-----------------------------|---------------------|
| Chemical Resistance | Water & Humic Acids |
| Operating Temperature Range | -20 – 55 °C |

Operation/Application

| | |
|--|-----|
| Marine-Offshore-Shipbuilding Certified | No |
| Non-Toxic & Non-Corrosive Emission Isocyanate-Free | Yes |
| Free of Lead, Cadmium, Heavy Metals | Yes |
| Emission Free Label-Free Acc (REACH & CLP) | Yes |
| Low Smoke Emission | No |
| Solvent-Free | Yes |
| Halogen Free | Yes |
| UV-Stabilized | Yes |
| Silicone-Free | No |

Industry Standards

| | |
|---------------|----------|
| UL Rating | No |
| CSA Certified | No |
| Standards | EN 50393 |

Product Availability

| | |
|--------------------------------------|---|
| Minimum Order Quantity | 1 |
| Joints & Splice Product Availability | Americas, Asia, Australia, New Zealand & Pacific Islands, China, Europe, Middle East & Africa |

Packaging Features

| | |
|------------------------|---------|
| Packaging Quantity | 1 |
| Packaging Method | Cardbox |
| Minimum Packaging Unit | 1 |

Other

| | |
|------------------------|-----------------------------------|
| Other Colors Available | No |
| Product Use | Outdoor, Overhead & Direct Buried |

Product Compliance

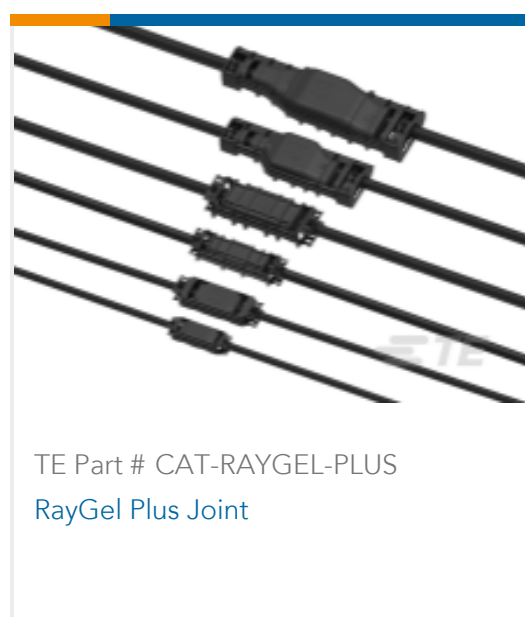
[For compliance documentation, visit the product page on TE.com>](#)

| | |
|---|--|
| EU RoHS Directive 2011/65/EU | Compliant |
| EU ELV Directive 2000/53/EC | Out of Scope |
| 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 /MAR 2010 (28) SVHC > Threshold: Not Yet Reviewed |
| Halogen Content | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free |
| Solder Process Capability | Not applicable for solder process capability |

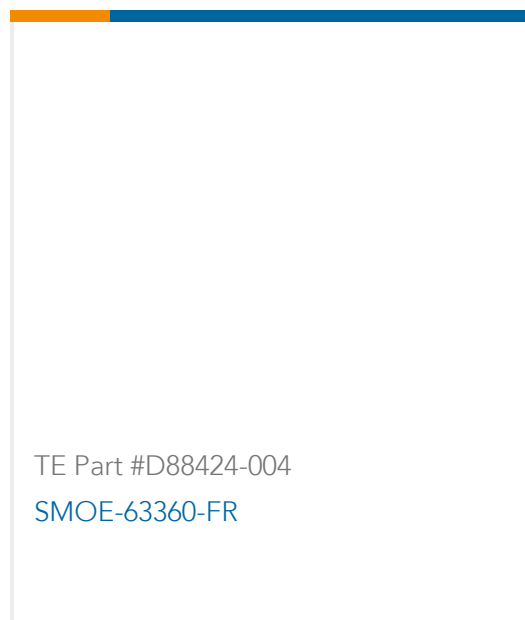
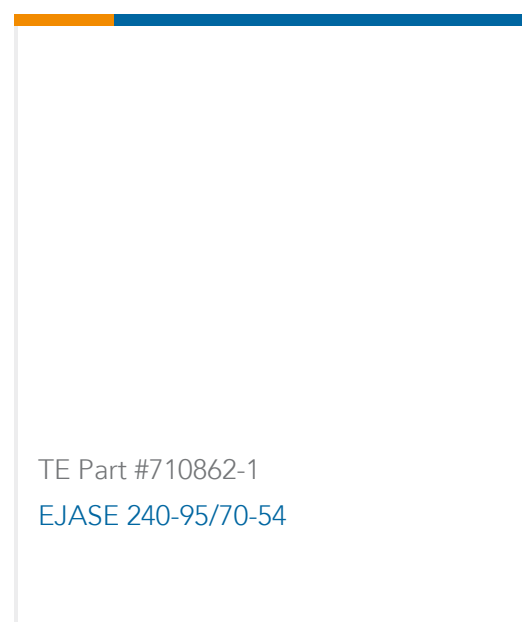
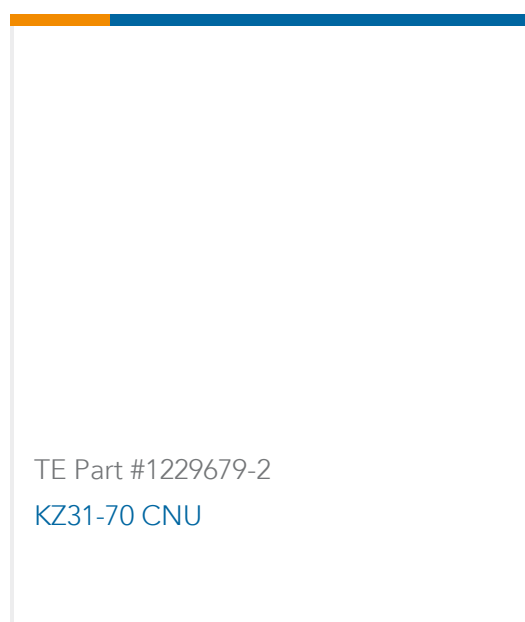
Product Compliance Disclaimer

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



Customers Also Bought



Documents

Product Drawings

[RAYGEL-PLUS-1.5-CB5](#)

English

Datasheets & Catalog Pages

[RAYGEL PLUS JOINTS FILLED WITH POWERGEL FOR SINGLE AND MULTI-CORE POLYMERIC CABLES](#)

English

[RayGel Plus Brochure](#)

French



[RayGel Plus Brochure](#)

English

[RayGel Plus Brochure](#)

German

[RAYGEL PLUS - CABLE JOINTS FILLED WITH POWERGEL FOR SINGLE AND MULTI-CORE POLYMERIC CABLES 0.6/1 KV](#)

English