

RAYGEL PLUS

CABLE JOINTS FILLED WITH POWERGEL FOR SINGLE AND MULTI-CORE POLYMERIC CABLES 0.6/1 KV

KEY FEATURES

- Quick, easy and clean installation
- Reliable water protection
- Suitable for outdoor and direct-buried applications
- Full branch capabilities without cutting main cables
- Optimized joint design, integrated strain relief
- Qualified to joint standard EN 50393
- Halogen-free and UV-resistant
- Unlimited shelf life, environment-friendly and not subject to labeling requirements

TE Connectivity's (TE) RayGel Plus joints offer protection, insulation and high quality sealing for fast, easy and safe cable connections. The newly designed types of joints offer a full range of branching capabilities from 2x1.5 to 5x16 mm² and are suitable for underground, direct buried and overhead applications.

The RayGel Plus enclosure, with its revolutionary PowerGel, covers and seals the joint quickly and easily, saving both time and effort. PowerGel is rated to 90°C continuous temperature and is halogen-free with an unlimited shelf life.

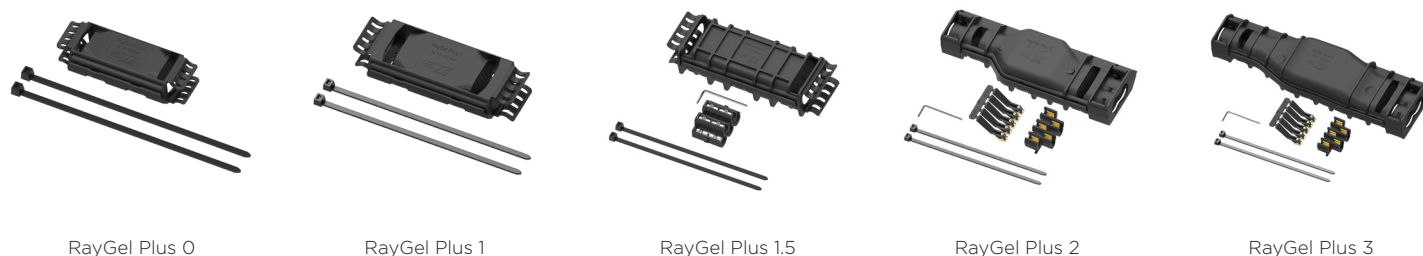
The halogen-free poly-propylene enclosure is designed to house straight and branch connections in one solution only. This helps to minimize the required stock level and serves a wide range of applications. RayGel Plus joints can be snap-closed by hand due to its flexible wave-like gel barriers. A strain relief is integrated within the enclosure and quickly installed with two cable ties.

With the unique universal connector block, installation is very straight forward, as the block snaps into the bottom side of the enclosure. A supplementary tool helps to insert the sliding nuts and holds them in place until the connection is finalised.

Customers can count on consistent, high quality products, driven by TE's proven innovation and backed by our extraordinary customer support.



Joints are tested according to CENELEC EN 50393.



SELECTION TABLE

Description	Order Number	Application Range (mm ²)		Dimensions (mm) L x W x H	Connector Size max. (mm) L x W x H
		Main Cable	Branch Cable		
Without Connector					
RayGel Plus 0	CH6879-000	2-3 x 1.5-2.5 (1 x 10-50)	2-3 x 1.5 (1x 10-16)	100 x 37 x 24	26 x 24 x 16
RayGel Plus 1	CH6880-000	3-5 x 1.5-2.5 (1 x 10-50)	3-5 x 1.5 (1 x 10-16)	139 x 51 x 24	26 x 38 x 16
RayGel Plus 1.5	EH9930-000	4-5 x 2.5-16	-	180 x 63 x 41	55 x 45 x 24
RayGel Plus 1.5 D*	EH9931-000	4 x 2.5-16	-	180 x 63 x 41	55 x 15 x 12
Including Universal Connector Block					
RayGel Plus 1.5 CB5	EH9932-000	4-5 x 2.5-16	-	180 x 63 x 41	included
RayGel Plus 2	CH6881-000	3-5 x 1.5-6	3-5 x 1.5-6	233 x 78 x 40	included
RayGel Plus 3	CH6882-000	3-5 x 6-16	3-5 x 6-16	313 x 90 x 47	included

*Joint with divider for 4-core cables

Connector recommendation for RayGel Plus 0/1 joints:
All types which dimensionally fit into the enclosure, such as terminal strips, push-wire connectors, mechanical blocks and C-crimp connectors.

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