

Cast Resin Splicing Joints with Molded Casing

Good quality and reliable components in joints are crucial for a good functioning cable network. Radiform-GT range of RADI-CAST RCGA polyurethane cast resin products is highly suitable for applications in straight joints, branch joints, double branch joints and transition joints.

All cast resin accessories are qualified for application with PVC, XLPE and PE-insulated lines and cables. Our products are applicable to deliver joints in outdoor, indoor, under-ground and under-water environments. The primary application advantage of our system is that a single range of cast resin can be used in joints for all voltage from 0.6 KV to 10 KV. It can also be used in joints of telecommunication and signal cables.

Radiform-GT offers two ranges of 2-component polyurethane-cast resin for its cable splicing system:

RCGA - a 2-component-polyurethane-cast resin system for application with voltage ranging from 0.6 LV to 10 KV. This resin material has been tested and certified to BS 7933-1:2007, HD 631.1 S1: 2007 specification.

RCGA-B - a flame retardant 2-component cast resin system for applications with Low and medium voltage cables where flame resistance is required. The resin conforms to UL94, criteria point VO for flame retardant

The polyurethane cast resins are halogen-free and meet RoHS requirements.. The molded casings are manufactured from high quality robust synthetic materials, which can withstand rough handling. For straight and transition joints our system are equipped with distance holders to provide the necessary safety clearance distance between the connectors.



RCGT – Cast Resin Straight Through Joint

Universally suitable for splicing of low voltage plastic insulated cables with/without armoring and medium voltage cables up to maximum voltage of 6 KV (under certain conditions with additional required accessories) It also suitable for splicing of control and instrumentation cables.

Product General Characteristics

Voltage Level:

0.6/1KV (AC), 0.6/1.5KV (DC)
3.6kV (AC)
6 KV (AC) – under certain conditions

Applications:

Indoor
Outdoor
Underground
Underwater
Cable trays

Features:

Large insertion opening for ease casting
High electrical insulation
Watertight both longitudinally and transversely
Resistant to UV-radiation, alkaline earth and Chemical agents
High Quality shockproof plastic mold casings
Visible splices position prior casting
Easy to install, saves time and costs
Immediate operational

Specifications:

Tested and Certified to:
BS 7933-1:2007, HD 631.1.S1:2007
Conforms to:
BS EN 50393:2006, CELENEC HD 623

The above Product General Characteristics apply to all polyurethane pur-cast resin joints: straight through splicing joints, branching joints, T-shape joints and Y-shape joints for all PVC, XLPE and Paper Insulated cables with/without armoring.