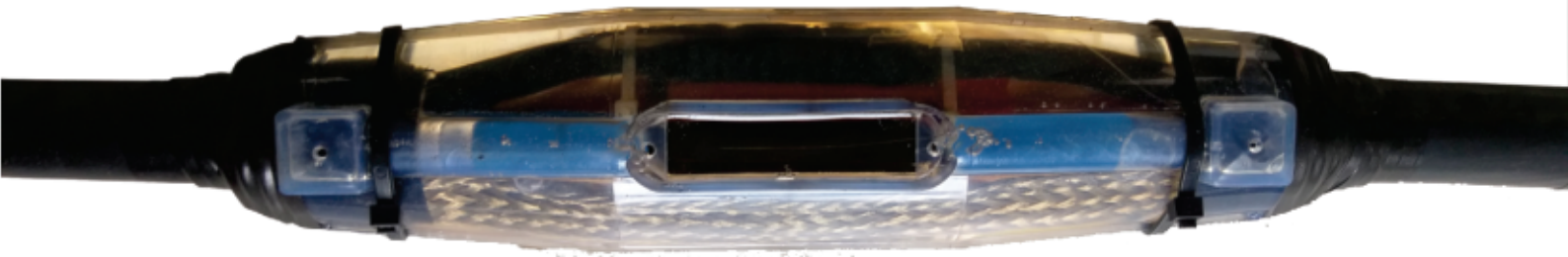


LV CAST EPOXY CLEAR RESIN STRAIGHT THROUGH JOINTS



Description

CJR...ES - are low voltage resin joint / splicing kits designed to join 2 - 4 Core, 1kV PVC and XLPE cables. The two component, flame retardant clear epoxy resin compound remains flexible and has excellent insulation and water blocking properties.

Technical Data

BS EN50393:2015 Test sequence for joints for solid extruded dielectric insulated cables and for transition joints between solid extruded dielectric insulated cables and impregnated paper insulated cables.

TEST	SUB-CLAUSE	Samples Type of Joints	REQUIREMENTS
		II A1/B1	
AC voltage withstand (in air)	8.3	X	No failure
Insulated resistance (in air)	8.4	X	Insulated resistance $\geq 50M\Omega$
Impact at ambient temperature	8.5	X	-
Insulated resistance (immersed)	8.4	X	Insulated resistance $\geq 50M\Omega$
Heating cycle in air	8.6	X	63 Cycles
Heating cycle in water ^b	8.6	X	9 Cycles
Insulation resistance ^b (immersed)	8.4	X	Insulated resistance $\geq 50M\Omega$
Heating cycle in water	8.6	X	63 Cycles
AC voltage withstand (immersed)	8.3	X	No Failure
Insulation resistance (immersed)	8.4	X	Insulated resistance $\geq 50M\Omega$
Examination	8.8	X	To be recorded
Thermal short circuit (Earth fault) test		X	10kA for 1 second - No Failure

Table 1

SAP No.	Kit	Min. Cable O.D.	Max. Cable O.D.	Mould Length	Cable Size
	Description	(mm)	(mm)	(mm)	(mm ²)
0175795	CRJ1ES	6	20	185	1.5 - 2.5
0175796	CRJ2ES	17	34	270	4 - 10
0175797	CRJ3ES	28	52	400	16 - 25
0175798	CRJ3.5ES	32	56	430	35 - 50
0175799	CRJ4ES	38	65	560	70 - 95
0175800	CRJ5ES	48	80	660	120 - 150
0175801	CRJ6ES	48	80	660	185 - 240

Features

- Clear Epoxy Resin
- Suitable for 2 - 4 Core, 1,5 - 300mm² cables
- Voltage Rating - 1000V
- Type tested and in compliance with BS EN50393 and NRS074-2
- Two year shelf life
- Suitable for demanding environments
- Quick setting properties in humid and cold conditions
- High quality shatterproof Polypropylene and Polycarbonate shells
- Excellent insulation properties
- Excellent water blocking properties
- Flame retardant (V0 Rated)
- Low viscosity allows for good penetration
- Easily separable twinpack mixing pouch ensures easy mix
- Odour free
- Easy Clip leak proof transparent shells

Application

- In compliance with Eskom specifications and kits include:
 - Shell (2 halves) and lid
 - Clear epoxy resin
 - Self amalgamating EPR tape
 - PVC insulation tape
 - Disposable gloves
 - Suitable tinned copper braid
 - Roll springs
 - Cable ties
 - Core separator
 - Torque shear mechanical connectors