

LOW VOLTAGE EPOXY CLEAR RESIN JOINTS

ARJP...CL / CRJ



KEY FEATURES

- Clear epoxy resin
- 600 / 1000 V, 1.5 mm² – 300 mm², 2 – 4 core cables
- Two-year shelf life
- Quick-setting in humid and cold conditions, with excellent insulation and water-blocking
- Low-viscosity resin in transparent shatterproof polypropylene/polycarbonate shells with easy-mix twin-pack
- Exothermic temperature of 54°C
- Type tested and in compliance with BS EN50393 and NRS074
- In compliance with Eskom and Municipality specifications

ARJP...CL / CRJ...ES low-voltage resin straight-through joint and splicing kits are designed for connecting PVC and XLPE cables. The two-component, flame-retardant clear epoxy resin remains flexible, offering superior insulation and water-blocking properties.

Complies with 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.



DIMENSIONS

Product	Min. Cable OD	Max. Cable OD	Mould Length	Cable Size
	(mm)	(mm)	(mm)	(mm ²)
CRJ0	6	20	185	1.5 - 2.5
CRJ2	17	34	270	4 - 10
CRJ3	28	52	400	16 - 25
CRJ3.5	32	56	435	35 - 50
CRJ4	38	65	580	70 - 95
CRJ5	48	80	660	120 - 150
CRJ6	48	80	660	185 - 240

OPTIONAL EXTRA



TECHNICAL DATA



TEST	SUB-CLAUSE	Samples Types 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 ≥50MΩ
Impact at ambient temperature	8.5	X	No failure
Insulated resistance (immersed)	8.4	X	Insulated resistance ≥50MΩ
Heating cycle in air	8.6	X	63 Cycles
Heating cycle in water ^b	8.6	X	9 Cycles
Insulated resistance ^b (immersed)	8.4	X	Insulated resistance ≥50MΩ
Heating cycle in water	8.6	X	63 Cycles
AC voltage withstand (immersed)	8.3	X	No failure
Insulated resistance (immersed)	8.4	X	Insulated resistance ≥50MΩ
Examination	8.8	X	To be recorded
Thermal short circuit (Earth fault) test		X	10kA for 1 second - No failure