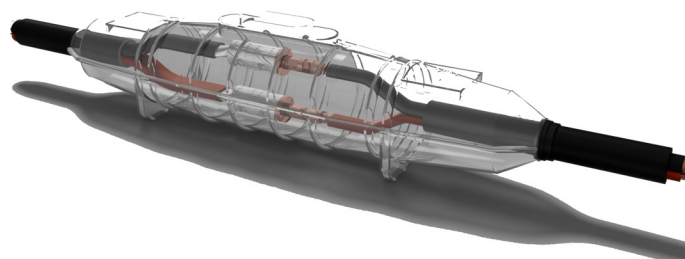
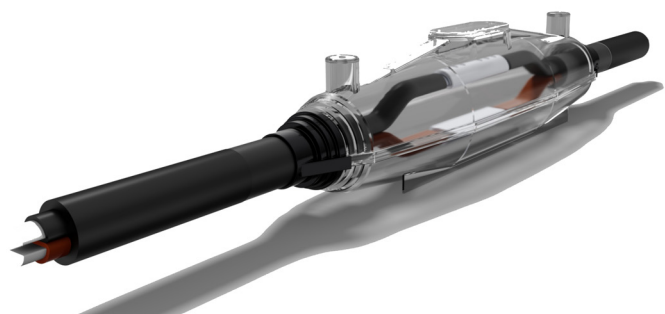


MRPJ-U

Enhanced Resin Joint Kits For Network Rail Unarmoured Signalling Power Cables



For Network Rail Signalling Power Distribution Cable

Certificate Ref: PA05/06494 - Issue 1 31/01/2016

**For use with aluminium and copper cables complying with
Network Rail Product Specification NR/L2/SIGELP/27408
Issue 2 06/06/2016**

Features and Benefits

- Rated Voltage 1000V
- Straight joints for cables with aluminium conductors from 16mm² to 185mm²
- Bimetallic reducing joints for transition from aluminium to copper conductors (see table overleaf)
- Tested and approved to BS EN 61238-1: 2003 & BS EN 50393: 2015 (Rigid Type II Joint)
- Slim-line design for use with compression connectors
- Low hazard isocyanate free JEM resin
- Extremely low viscosity combined with enhanced adhesion
- Resin contained in clear twin pack pouches for easy mixing
- Installation temperature -20°C to +40°C

Aluminium Splice Joints

PADS No.	Joint Kit	Cable Size	Cores	Cable Profile/Type	Connector	Shell Type	Al Crimp Tools
054/212676	RPJ016A2SR	16 mm ²	2	Circular/SAC	BAS25AR	J4	UNA4-1 / UP25A
054/212677	RPJ025A2SR	25 mm ²	2	Circular/SAC	BAS25AR	J4	UNA4-1 / UP25A
054/212678	RPJ035A2SR	35 mm ²	2	Circular/SAC	BAS35AR	J4	UNA4-1 / UP35A
054/212679	RPJ025A2SS	25 mm ²	2	Sector/SAC	BA25A2S	J4	UN25A2 / UP25A2
054/212680	RPJ035A2SS	35 mm ²	2	Sector/SAC	BA35A2S	J4	UN35A2 / UP35A2
054/212681	RPJ050A2S	50 mm ²	2	Sector/SAC	BA50A2S	J4	UN50A2 / UP50A2
054/212682	RPJ070A2S	70 mm ²	2	Sector/SAC	BA70A2S	J4	UN70A2 / UP70A2
054/212683	RPJ095A2S	95 mm ²	2	Sector/SAC	BA95A2S	J5	UN95A2 / UP95A2
054/212684	RPJ120A2S	120 mm ²	2	Sector/SAC	BA120A2S	J5	UN120A2 / UP120A2
054/212685	RPJ150A2S	150 mm ²	2	Sector/SAC	BA150A2S	J5	UN150A2 / UP150A2
054/212686	RPJ185A2S	185 mm ²	2	Sector/SAC	BA185A2S	J5	UN185A2 / UP185A2
054/212687	RPJ120A2F	120 mm ²	2	Sector/Stranded Al	BAP120AS	J5	U120D1 / U120PO
054/212688	RPJ150A2F	150 mm ²	2	Sector/Stranded Al	BAP150AS	J5	U150D1 / U150PO
054/212689	RPJ185A2F	185 mm ²	2	Sector/Stranded Al	BAP185AS	J5	U185D1 / U185PO

Bimetallic Reducing Joints

PADS No.	Joint Kit	Cable Size Al-Cu ⁽¹⁾	Cores	Cable Profile/Type Al	Connector	Shell Type	Al Crimp Tools	CU Crimp Tool
054/212690	RPJ0700352B2S	70-35 mm ²	2	Sector /SAC	BA0700352B2S	J4	UN70A2 / UP70A2	U50 - CHEX
054/212691	RPJ0950502B2S	95-50 mm ²	2	Sector /SAC	BA0950502B2S	J5	UN95A2 / UP95A2	U50 - CHEX
054/212692	RPJ1200502B2S	120-50 mm ²	2	Sector /SAC	BA1200502B2S	J5	UN120A2 / UP120A2	U50 - CHEX
054/212693	RPJ1500502B2S	150-50 mm ²	2	Sector /SAC	BA1500502B2S	J5	UN150A2 / UP120A2	U50 - CHEX
054/212694	RPJ1850502B2S	185-50 mm ²	2	Sector /SAC	BA1850502B2S	J5	UN185A2 / UP185A2	U50 - CHEX
054/212695	RPJ1200502B2F	120-50 mm ²	2	Sector /Stranded Al	BA1200502B2S	J5	U120D1 / U120PO	U50 - CHEX
054/212696	RPJ1500502B2F	150-50 mm ²	2	Sector /Stranded Al	BA1500502B2F	J5	U150D1 / U150PO	U50 - CHEX
054/212697	RPJ1850502B2F	185-50 mm ²	2	Sector /Stranded Al	BA1850502B2F	J5	U185D1 / U185PO	U50 - CHEX

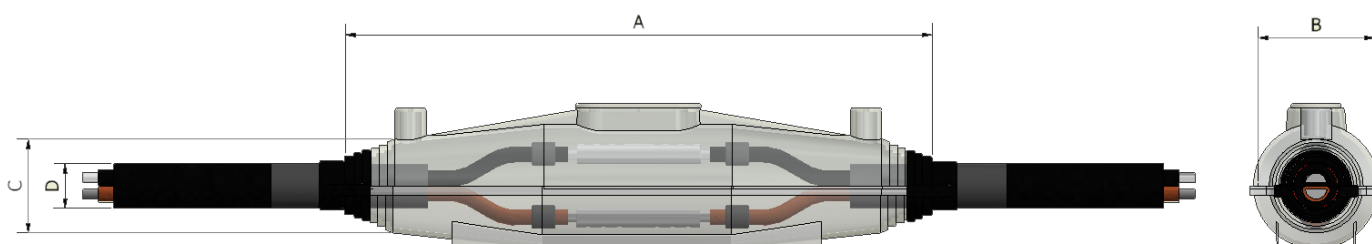
Shell Dimensions

	Shell Size	
	J4	J5
A - Joint shell length	375mm	520mm
B - Internal diameter	68mm	102mm
C - Max cable entry diameter	50mm	58mm
D - Min cable entry diameter	28mm	32mm

Copper Reducing Inserts⁽¹⁾

PADS No.	Insert Pack ⁽¹⁾	Reduction Step
054/212698	RPJSR5010C	50-10 mm ²
054/212699	RPJSR5016C	50-16 mm ²
054/212700	RPJSR5025C	50-25 mm ²
054/212701	RPJSR5035C	50-35 mm ²

⁽¹⁾ For copper conductor sizes below 50mm², use additional Copper reducing inserts (supplied separately).



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