

Mechanical Joint Closure (MJC)

Re-usable mechanical splice closure for aerial, underground and direct buried splices in the unpressurized copper telecommunications network.



Features and benefits

- Robust construction with high mechanical strength
- Proven gel sealing system:
 - Easy to handle at all temperatures
 - Easy to re-enter
- Innovative cable fixation system
- No special tools needed for installations or re-entry
- Closure uses overcentering 'ski boot' type latches
- Flexible branching plug system allowing installation of cables from 5pair .5 to 100pair .5
- Integrated mounting brackets for aerial and wall installation
- Reduced inventory as fewer size closures are needed to cover a wide range of applications up to 100 pairs
- Both dome-ended and in-line closures are available
- Cable configuration changes possible with a minimum of extra accessories
- No shelf life

Specifications

General attributes & mechanical characteristics

Cable diameter range: from Ø 4.5 mm till Ø 28 mm

Product description	Closure type	Max. number of branching plugs	Typical splice volume	Max. splice diameter (mm)	Max usable splice length (mm)	Max. usable oval splice space inside (mm)	Weight (kg)
MJC-10/20PR-CE-INT-01	Cap-ended	1	10/20 pair	45	180	52*49	0.63
MJC-10/20PR-INL-INT-01	Inline	1 in/ 1 out	10/20 pair	45	250	51*49	0.96
MJC-50/100PR-CE-INT-01	Cap-ended	4	50/100 pair	120	190	122*125	1.57
MJC-50/100PR-INL-INT-01	Inline	2 in/ 2 out	50/100 pair	90x60	355	92*65	2.02
MJC-200PR-INL-INT-01	Inline	4 in/4 out	200 pair	120	300	122*124	0.965

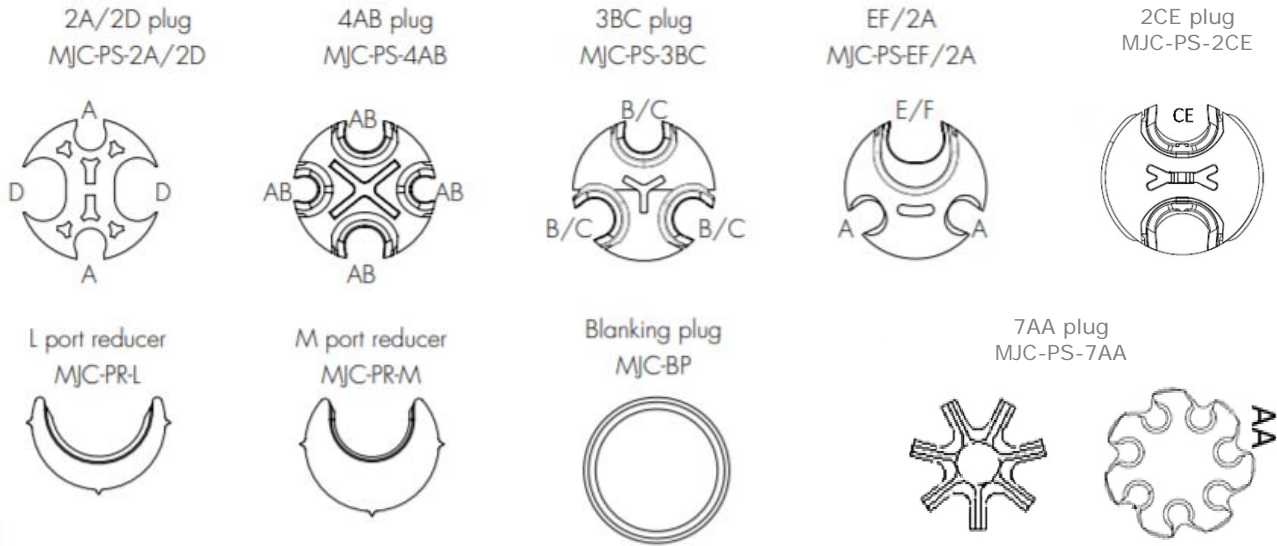
Accessories

Product description	Cable diameter (mm)		Weight (kg)	Plugs
	Min. (mm)	Max. (mm)		
MJC-PS-2CE-INT02	10.5	12.5	0.305	C
	12.5	14.5		E
MJC-PS-2D/2A-INT02	6	8.5	0.355	A
	8.5	12.5		D
MJC-PS-3BC-INT02	8.5	10.5	0.398	B
	10.5	12.5		C
MJC-PS-4AB-INT02	6	8.5	0.364	A
	8.5	10.5		B
MJC-PS-7AA-INT02	4.5	6	0.109	AA
MJC-PS-EF/2A-INT02	6	8.5	0.365	A
	12.5	14.5		E
	14.5	16.5		F
MJC-PR-L-INT02	20.5	24.5	0.105	
MJC-PR-M-INT02	16.5	20.5	0.157	

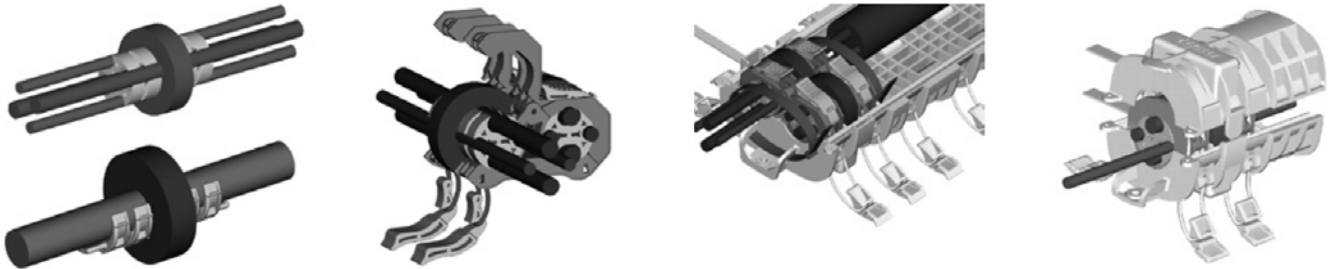
Description	Typical cable
MJC-BP-INT02	Blanking plug (optional)
MJC-PS-GEL-INT02	Accessory (0.044kg)

Plug selection

Different types of branching plugs



Installation steps



Re-entry

For cable re-configuration an extra gel tape kit MJC-PS-GEL-INT02 is necessary.

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