

UTILITY PRODUCTS

JUNCTION BARS



L & Y (WYE) SPLICE

Patton & Cooke Co. has the solution to overcrowded junction bar for separable connector installations...The L Splice & Y Splice.

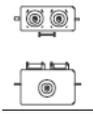
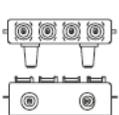
Patton & Cooke's L Splice & Y Splice have the same great features as all of our Junction Bars for Separable Connectors...but there's more. The unique splice designs allow streamline cable orientation even in the smallest vaults. Installation is done with ease and there is less mechanical stress on connection points. Orderly cable installations also simplify future maintenance and reduce work area safety hazards. The L Splice is available for voltages to 25 kV and now the Y Splice is available for applications up to 35 kV.

Patton & Cooke junction bars are fully shielded, fully submersible, thoroughly resistant to harsh chemicals and are for use on applications up to 35 kV.

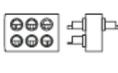
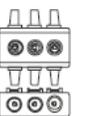
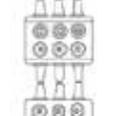
UNIQUE FEATURES	BENEFITS
<ul style="list-style-type: none"> Module vacuum cast from silica based thermal setting resin 	<ul style="list-style-type: none"> Possesses high dielectric strength (600V/mil) Resistant to extreme temperatures, acids, alkalis, solvents and to mechanical stress fracturing Prevents amalgamation with rubber inserts and elbows
<ul style="list-style-type: none"> Integral mechanical cast design is solid 	<ul style="list-style-type: none"> Module is rigid and will not deform under cable loading Provides excellent fault current withstand
<ul style="list-style-type: none"> Encapsulated copper screen for ground shielding 	<ul style="list-style-type: none"> Solid ground is furnished between internal screen and surface of module, providing absolute ground fault protection Increases strength of module casting Internal ground system can not be damaged compared to an external system, extending the life of the module Module ground integrity is not compromised by external abuse or caustic environments Provides superior safety and reduces liability
<ul style="list-style-type: none"> Accepts both loadbreak and deadbreak inserts 	<ul style="list-style-type: none"> Offers universal installation capabilities
<ul style="list-style-type: none"> Metallic ring on 200 Amp universal bushing well 	<ul style="list-style-type: none"> Ground shield is permanent compared to easily damaged surface applied conductive paint Extends product life
<ul style="list-style-type: none"> 200 Amp universal bushing well supplied with replaceable studs 	<ul style="list-style-type: none"> Replaceability of individual components lengthens product life Reduce downtime
<ul style="list-style-type: none"> Replaceable studs have full length internal hex 	<ul style="list-style-type: none"> Allows removal of stud regardless of its size or condition



L SPLICE - 15/25 KV

Illustration (not to scale)	Description	Catalogue Number	Dimensions			Weight	Illustration (not to scale)	Description	Catalogue Number	Dimensions			Weight
			Length	Width	Height					Length	Width	Height	
	3 Point Single	JBL-	13" 330	4 3/4" 121	4 3/4" 121	14.0		6 Point Single	JBL-	17	10	5 3/4" 146	26.0 lb 12.0

Y SPLICE - 15/25 KV

Illustration (not to scale)	Description	Catalogue Number	Dimensions			Weight	Illustration (not to scale)	Description	Catalogue Number	Dimensions			Weight
			Length	Width	Height					Length	Width	Height	
	9 Point Three	JBY-9A-19	13" 330	6 1/4" 159	4 3/4" 121	21.0 lb 9.5 kg		9 Point Three	JBY-9J-19	15	10 1/2" 267	16" 406	45.0
	9 Point Three	JBY-	13" 330	16 1/4" 413	6" 152	39.0 lb 18.0		12 Point Three	JBY3-	13 " 330	18 1/2" 470	11	60.0

Y SPLICE - 35 KV

Illustration (not to scale)	Description	Catalogue Number	Dimensions			Weight	Illustration (not to scale)	Description	Catalogue Number	Dimensions			Weight
			Length	Width	Height					Length	Width	Height	
	9 Point Three	JBY3-	20	19	9 3/4" 248	70.0		9 Point Three	JBY3-	23	17 1/2" 445	9 3/4" 248	70.0 lb 32.0 kg

SELECTION REMINDERS:

- Standard ratings for 12/25 kV L & Y Splice:
Voltage: to 25 kV, Impulse Voltage: to 125 kV BIL
Corona Extinction: to 19 kV
Standard Ratings for 35 kV Y Splice:
Impulse Voltage: 150 kV BIL,
Corona Extinction: 26 kV
- The standard splice is equipped with protective covers and a mounting bracket. Parking stands are optional and sold separately.
- Many combinations of 200/600 Amp junction bars are available.
Create your unique junction bar requirement then contact factory.
- *4. Note straight receptacle interface.

ORDERING PROCEDURE:

- Determine the following: a) Maximum voltage, kV b) Current rating, Amp.
For 600 Amp, specify standard or straight receptacle interface, c) Number of positions required for installation, d) Configuration of splice.
 - Select catalogue number of splice.
 - Specify if mounting brackets or parking stands are required.
- Example: 25 kV (corona extinction = 19 kV), four 200 Amp universal bushing wells required straight inline and two 600 Amp standard bushings required at 90°
L-Splice Catalogue Number JBL-4A/2B-19

