

## Splices

Panduit® Pan-Term® Splices are designed and manufactured for fast assembly, and long reliable performance. As the demand for splices increases, it becomes essential to provide a complete system for termination products. We provide an extensive line of tooling designed specifically to provide optimum performance when used as a system for terminating.



- Suitable for in-line, parallel, and group splicing of wires
- Nylon and vinyl insulated as well as non-insulated
- Available in sizes from #26 – 10 AWG
- Internal wire stops on butt splices prevent over insertion of wires
- Applicable sizes are UL Listed and CSA Certified, as noted
- Wide assortment of manual, controlled cycle, battery operated hydraulic and pneumatic crimping tools for reliable connections at the lowest installed cost

Panduit continually provides new designs to meet the application challenges encountered by our customers. Panduit offers a wide assortment of Pan-Term® termination products to meet customer needs at the lowest installed cost.

B1.  
Cable  
Ties

B2.  
Cable  
Accessories

B3.  
Stainless  
Steel Cable  
Ties &  
Accessories

C1.  
Wiring  
Duct

C2.  
Abrasion  
Protection

C3.  
Cable  
Management

D1.  
Terminals

D2.  
Power  
Connectors

D3.  
Grounding  
Connectors

E1.  
Labeling  
Systems

E2.  
Labels

E3.  
Pre-Printed  
&  
Write-On  
Markers

E4.  
Permanent  
Identification

E5.  
Industrial  
Safety  
Solutions

F.  
Keystone  
Cabling  
Systems

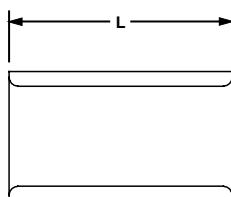
G.  
Part  
Number  
Index



## Parallel Splice, Non-Insulated

### Type PS

- Designed to splice two solid or stranded wires together to repair or lengthen wires
- Parallel design results in only one crimp required to complete splice
- Seamless tubular barrel provides a consistent high performance quality crimp
- Non-insulated barrel can be used to provide an economical termination when insulation is not required
- Maximum recommended operating temperature 302°F (150°C)
- UL and CSA rated up to 2000 V per UL 486C



Part Number	Wire Range	Figure Dimensions (In.)	Wire Strip Length (In.)	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
		L				
PS18-C	22 – 18 AWG	0.29	5/16	CT-100A, CT-200	100	500
PS16-C	20 – 16 AWG	0.29	5/16		100	500
PS12-L	14 – 12 AWG	0.38	7/16		50	500

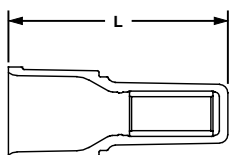
\*\*Bulk packaging may be available, contact Panduit® Customer Service for additional information.  
For crimping tool information see [www.panduit.com/tools](http://www.panduit.com/tools).



## Wire Joint, Nylon Insulated

### Type JN

- Large barrel, designed to accommodate from one to seven wires with just one crimp
- Accommodates multiple wire sizes in varying combinations
- Barrel of terminal internally beveled to provide quick and easy wire insertion
- UL Flammability UL 94 HB, maximum insulation temperature 221°F (105°C)
- UL and CSA rated up to 600 V per UL 486C



Part Number	Wire Range	Color Code	CMA Range		Figure Dimensions (In.)	Wire Strip Length (In.)	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
			Min.	Max.	L				
JN224-318-C	(2) #24 – (2) #16	Red	808	5160	0.79	7/16	CT-1550‡, CT-1551‡, CT-2500‡	100	1000
JN218-216-C	(2) #22 – (2) #16	Clear	1284	5160	0.78	7/16	CT-1550‡, CT-1551‡, CT-2500‡	100	1000
JN418-212-C	(4) #18 – (2) #12	Clear	6480	14750	0.93	1/2	CT-100A‡, CT-1550‡, CT-1551‡, CT-2500‡	100	1000
JN314-412-C*	(3) #14 – (4) #12	Clear	10320	26120	0.97	5/8	CT-100A, CT-160, CT-260	100	1000

\*Not UL or CSA Listed.

\*\*Bulk packaging may be available, contact Panduit Customer Service for additional information.

‡UL and CSA approved tooling/product combinations. For crimping tool information see [www.panduit.com/tools](http://www.panduit.com/tools).

Note: Wire combinations using #24 AWG wire are not UL Listed or CSA Certified.

## Technical Specification and Selection Information

The following pages provide information helpful in specifying Panduit® terminals and selecting the appropriate terminal and tooling for your applications.



### Panduit Terminal Approvals

Logo (Symbol)	Agency	Spec/Approval	Requirement	Applicable Products
	Underwriters Laboratories, Inc.	#E52164 – UL486A	Minimum tensile strength (pull out force for the crimp terminal) and test current for max. 50°C rise (amps)	All Ring and Fork Terminals
		#E78522 – UL310	Minimum tensile strength (pull out force for the crimp terminal) and continuous test current for max. 30°C rise (amps) (for 0.187", 0.205", 0.250" tab widths) and (0.110" tab width)	All Disconnects
		#E52164 – UL486C	Minimum tensile strength (pull out force for the crimp terminal) and test current for max. 50°C rise (amps)	All Splices
		#E472545 – UL486F	Minimum tensile strength (pull force for the crimped ferrule), Mold Stress Relief, and Dielectric Voltage Withstand	Select Ferrules
	Canadian Standards Association	#LR31212 – C22.2 No. 65	Minimum tensile strength (pull out force for the crimp terminal) and test current for max. 50°C rise (amps)	All Ring and Fork Terminals
		#LR31212 – C22.2 No. 153		All Disconnects
		#LR31212 – C22.2 No.291-14	Minimum tensile strength (pull force for the crimped ferrule), Mold Stress Relief, and Dielectric Voltage Withstand	All Ferrules
	American Bureau of Shipping	ABS Rules, Steel Vessel Rules 1-1-4/7.7, 4-8-3/9.19, 4-8-4/21.28	Passed extensive testing requirements to verify that product will perform reliably in marine and offshore environments.	Fork Terminals: P-F, PN-F, PV-F, PN-LF, PNF-LF, PV-LF, P-LF Ring Terminals: P-R, PN-R, PNF-R, PV-R, S-R Wire Joints: JN224-318, JN218-216, JN418-212 Splices: BSN, BSV, BS Disconnects: DNF, DNF-FIB, DVF, D, DNF-FL, DNF-M, DNF18-250M, DNF14-250M, DNF18-250FIM, FIMB, FIB, 14-250FIM, FIMB, and FIB
	IEEE (Institute of Electrical and Electronics Engineers)	IEEE std 323-2003 for Qualifying Class 1E Eqpt. for Nuclear Power Generating Stations	Meets criteria for use in harsh, high radiation environments in nuclear power plants	■Kynar Ring Terminals
	Dept. of Defense	Mil Spec Qualification Test Ref #01017302.AE/05-24-2016	Approved for listing on QPL AS 7928 Class I and Class II	Ring Terminals

■KYNAR is a registered trademark of Atofina Chemicals, Inc.