



RadCrimp[™] Solar Splice with Melni Spiral Termination Technology

Introducing the RadCrimp™ Solar Splice with Melni Spiral Termination Technology from Amphenol Industrial Sustainable Technologies (AIST). A robust DC connector rated to UL 1500V DC specifications. The RadCrimp™ Solar Splice with Melni Spiral Termination Technology removes improper mating from the equation. The RadCrimp™ will eliminate the timely process of crimping, the need to buy expensive crimping equipment, and will be an overall quicker, safer solution than the PV connectors of the past. This new innovation in technology provides a safe and reliable connection the industry desperately needs.

Features:

- Features Melni Spiral Termination Technology
- Simple and fast termination
- Field termination and sealing without special tools
- Low resistance wire termination and sealing in one action
- IP68 Sealing protection
- Innovative Melni Spiral Termination Technology is low resistance and reliable
- UL Certified



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Technical Data				
Rated Voltage	UL6703 1500V DC			
Rated Current (UL)	20A(4.0mm2/12AWG), 30A(6.0mm2/10AWG)			
Typical Contact Resistance	$\leq 0.10m\Omega$, TYP			
Insulation Material	Thermoplastic (PC/PA)			
Contact Material	Tin over nickel plated copper alloy			
Cable Strain Relief	Compression sealing gland featuring cable insulation gripping collet and torque specified sealing cap			
Application Class	Class A			
Over Voltage Category	III			
Degree Protection	IP68 (1 meter, 1 hour) mated			
Flame Class	UL94-V0			
Cable OD Range	Ø6.0mm ~ Ø7.4mm			
Cable Strands Range	7 ~ 60 strands			
Pollution Degree	2			
Safety Class	Class II			
Ambient Temperature Range	-40°C ~ +85°C			
Upper Limiting Temperature	120°C			
UV Resistance	Outdoor suitable (f1) rated materials, per UL746C			



How to Order RadCrimp™ Solar Splice with Melni Spiral Termination Technology (please choose one code per position, below)									
	1 2		3		4				
Product Line		Produc	Product Type		Contact Size		Terminal Type		
AMPV	Amphenol Solar Connector (Amphe-PV)	STS	Melni Spiral Termination	4*	4.0mm²/12 AWG 6.0mm²/ 10AWG	М	Machined Terminal		
	* Contact size "4" works for 4.0mm²/12 AWG & 6.0mm²/10AWG PV wire								

Tools and Accessories	Ordering Code			
Strip Tool	H4TS0000			
Wrench Tool	AMPVTW0001			





Wrench Tool

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