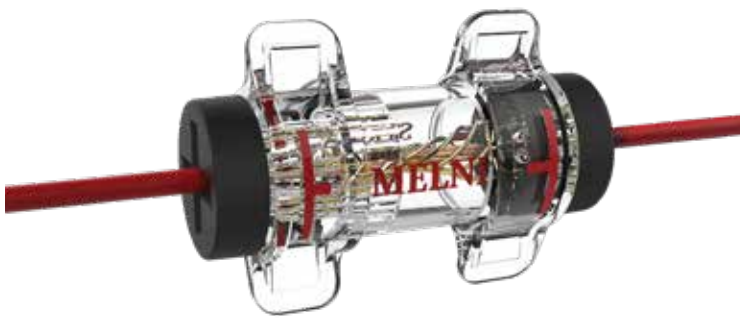


# HYPER-SPLICE

## 12-16 AWG



- ✓ Waterproof
- ✓ Extremely high pull strength
- ✓ Minimal tools - no torch or lighter
- ✓ Installs in under a minute
- ✓ Hyperbolic Spiral Technology
- ✓ Pre-packed with dielectric grease

### Melni Hyper-Splice 12-16 AWG Product Test Data

Tested to Criteria Range: #12AWG-16AWG  
Operating Voltage: 12-24 VDC  
Operating Temperature 90°C  
Housing Material: PC  
O-Ring Material: Buna-N  
End Plug Material: Santoprene

#### Electrical

##### Current Rating Amperes

#16 AWG CU	18A
#14 AWG CU	25A
#12 AWG CU	30A

##### Voltage Rating DC

12-24V

##### Insulation Resistance

500V DC

1mΩ

##### Average Assembled Connector Resistance Milliohms

18" #16 AWG Copper Conductor	0.3
18" #14 AWG Copper Conductor	0.3
18" #12 AWG Copper Conductor	0.3

##### Average Temperature Rise Above Ambient Constant Current

#16 AWG Copper	31.9°C
#14 AWG Copper	30.5°C
#12 AWG Copper	28.8°C

##### Submersion

Immersion 12" in Water

#### Mechanical

##### Pull Out Strength

#16 AWG	30 Lbs.
#14 AWG	50 Lbs.
#12 AWG	70 Lbs.

### Installation Instructions

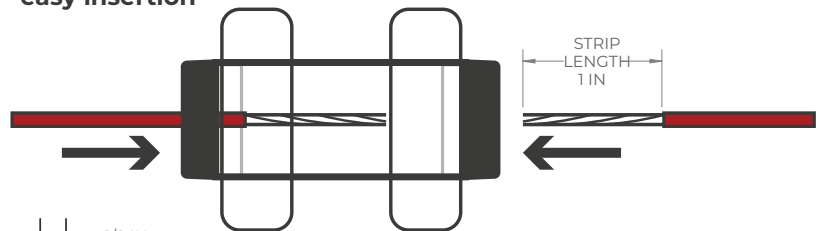


Always disconnect wire from it's power source before beginning any work

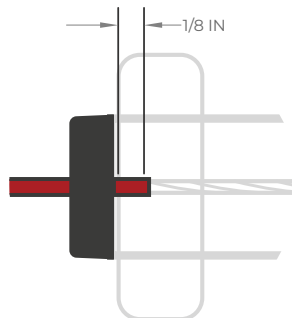


Only tool needed is a wire stripper or pocket knife

- Expose 1 inch of bare wire then twist ends of stripped wire for easy insertion**



- Insert each wire fully into the Hyper-Splice and ensure 1/8 inch of the insulation is inside the rubber end cap**



- Grasp one side of the Hyper-Splice and hold firmly twist the opposite side 1.5 - 2 complete revolutions**

