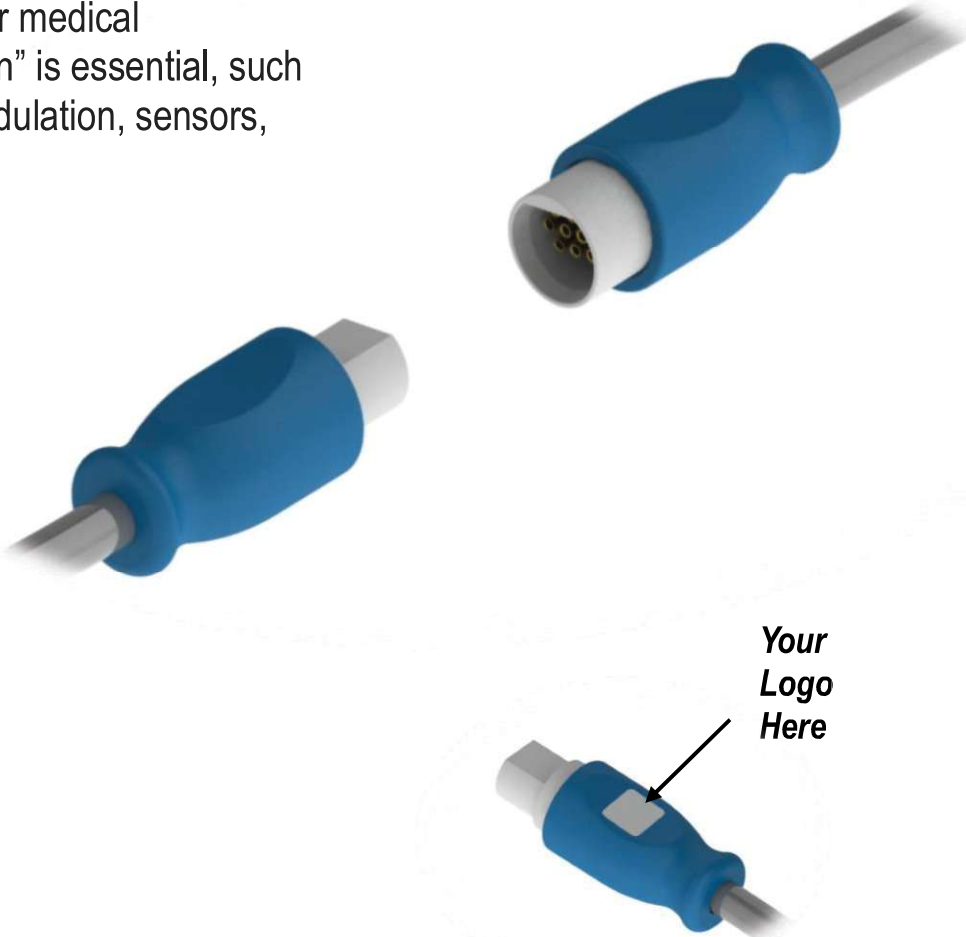


Onanon's *Neutrino*® is designed to significantly reduce weight and size while utilizing a Flex-Pin contact system for a rugged, reliable performance. Ideal for medical applications where “fit, form and function” is essential, such as handheld surgical devices, neuromodulation, sensors, and other hospital instrumentation.

- **10 pin capacity**
- **Compact size**
- **Favorably lightweight**
- **Customizable for reusable or disposable application**



## Specifications

### Mechanical

**Mating Type:** Friction  
**Mating Cycles:**  
**Plug:** 5k min  
**Receptacle:** 6k min  
**Mating Forces:**  
**Insertion:** 4.0 lbf  
**Removal:** 2.7 lbf  
**Axial Tensile Force:**  
 13 lbf

### Electrical

**Operating Voltage:**  
 600MΩ @ 800 VDC  
 10MΩ @ 400 VAC  
**Operating Current:** 3A  
**End-End Resistance:**  
 < 1.5 Ω

### Environmental

**Sterilizable:** Gamma  
**Chemical Resistance:** *Common or cleaning solvents*  
**Finger Safety:** IEC 60601-1  
**Storage & Operating Temp:**  
 0-46 °C  
**Weight:** 26g per cable assembly

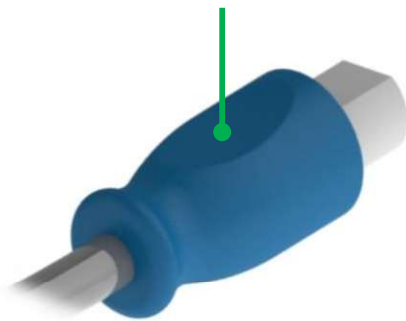
### Compatibility

**Contacts:** 10 pins  
**Plug Cable Assembly**  
**Accepted Wire Gauges:** 30-32 AWG  
**Cable Jacket OD:** 0.12 "  
**Contact Termination:** *Clip Contact*  
**In-Line Receptacle Cable Assembly**  
**Accepted Wire Gauges:** 30-32 AWG  
**Cable Jacket OD:** 0.12 "  
**Contact Termination:** *Clip Contact*



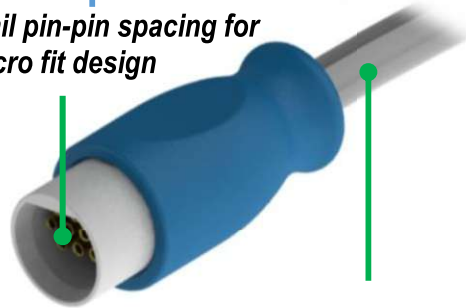
## Lightweight

*Favorably lightweight for long procedural use*



## Compact

*50 mil pin-pin spacing for a Micro fit design*



## EMI Shielding

*Shielded cable to combat the effects of EMI for delicate applications.*

## Materials & Assembly

### Male Plug Cable Assembly

**Plug Housing:** Thermoplastic Polyester

**Pins:** Gold Plated Brass Alloy

**Strain Relief:** Thermoplastic Polyester

**Slip-On Boot:** Polycarbonate

**Required Assembly:** Terminate flying leads to end-user device

### In-line Receptacle Cable Assembly

**Plug Housing:** Thermoplastic Polyester

**Pins:** Gold Plated Brass Alloy

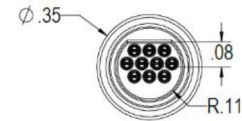
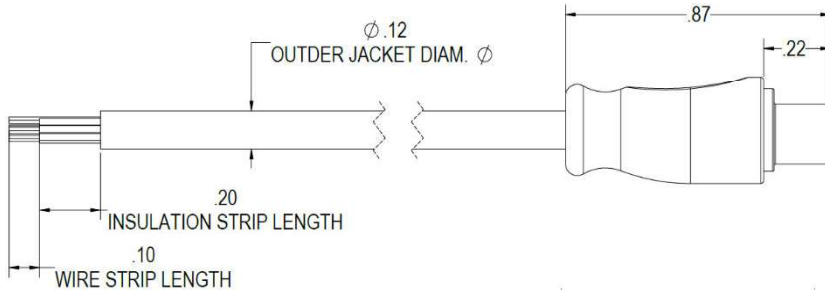
**Strain Relief:** Thermoplastic Polyester

**Slip-On Boot:** Polycarbonate

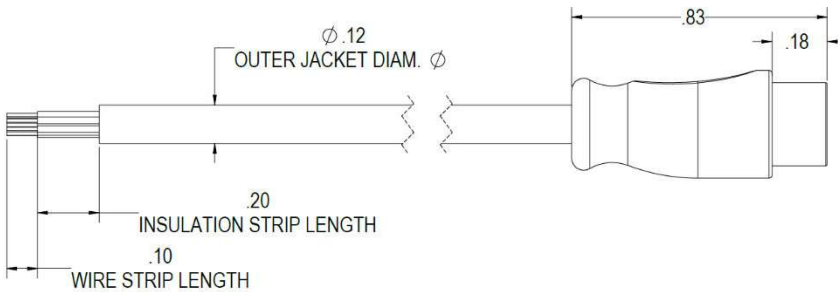
**Required Assembly:** Terminate flying leads to end-user device

## Dimensions

### Male Plug Cable Assembly

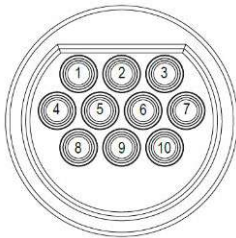


### In-Line Receptacle Cable Assembly



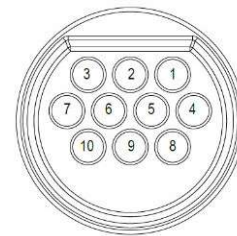
### Pin Out

Plug Housing  
(Rear View)

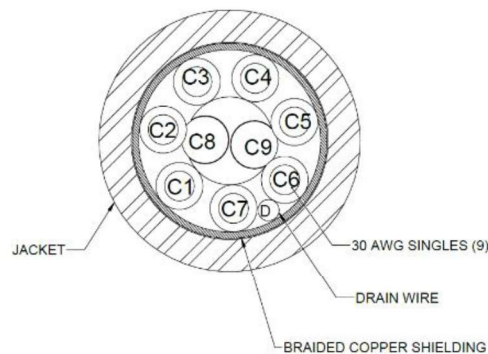


PIN NUMBER	CONDUCTOR COLOR	PIN NUMBER
1	BROWN	1
2	RED	2
3	ORANGE	3
4	YELLOW	4
5	GREEN	5
6	BLUE	6
7	VIOLET	7
8	GREY	8
9	DRAIN	9
10	WHITE	10

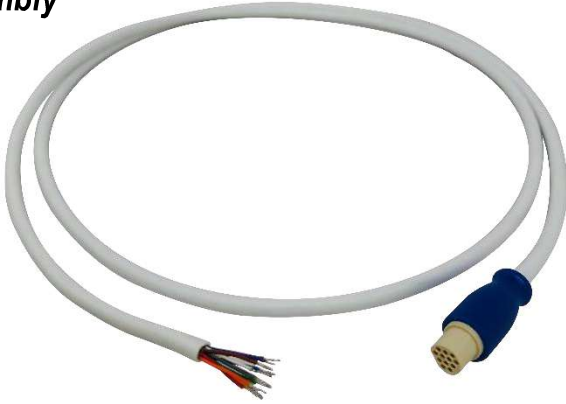
In-Line  
Receptacle  
(Rear View)



### Cable Specification



**Male Plug Cable  
Assembly**

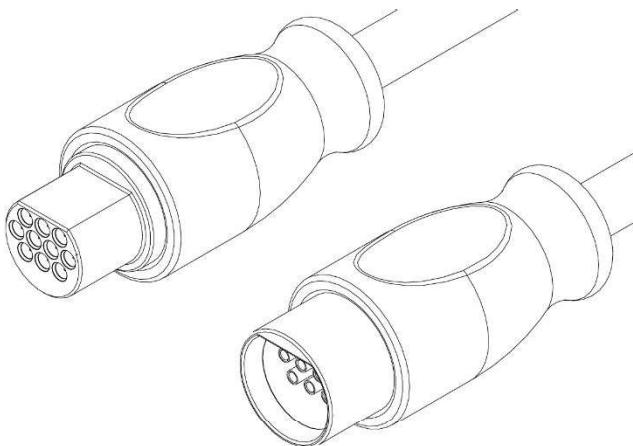


**In-Line Receptacle  
Cable Assembly**



## Configurations & Ordering

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### Custom Options Available:

Reach out to our sales team about laser-engraved logos, personalized color options, high volume orders, and end-to-end custom cable assemblies, including our integrated SmartConnect™ capabilities.

### Contact Us:

sales@onanon.com  
408-262-8990  
www.onanon.com  
720 S Milpitas Blvd.  
Milpitas, CA 95035