

# Cable Assemblies

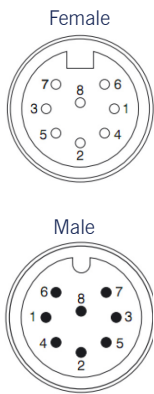
## RET & Power Cables

### RET Control Cables

Remote Electrical Tilt (RET) Applications

- Male to female
- AISG compliant (Antenna Interface Standards Group)
- Weatherproof
- Compatible with Andrew, Kathrein, Huawei, RFS and other brands
- RoHS compliant

Custom Lengths available  
*XX = custom length in inches*  
 Contact Sales about Custom Lengths



#### Pin Assignment

1. +12V DC
2. not used
3. RS485 B
4. not used
5. RS485 A
6. +24V DC
7. DC return
8. not used

#### Technical Specifications

|                          |   |
|--------------------------|---|
| <b>Connectors</b>        | 1 x 8 pin IEC 60130-9 male<br>1 x 8 pin IEC 60130-9 female              |
| <b>Construction</b>      | Shielded<br>3 x 20 AWG<br>2 X 24 AWG<br>(twisted pair, RS-485-A and -B) |
| <b>Protection Class</b>  | IP67 (mated)  |
| <b>Rated Current</b>     | 5 A   |
| <b>Temperature Range</b> | -40°C / 80°C  |
| <b>Materials</b>         | RoHS compliant  |

| Length: Meters | Length: Feet | Part Number |
|----------------|--------------|-------------|
| 0.5            | 1.5          | RF-RET-.5M  |
| 1              | 3.3          | RF-RET-1M   |
| 2              | 6.5          | RF-RET-2M   |
| 3              | 9.8          | RF-RET-3M   |
| 5              | 16.4         | RF-RET-5M   |
| 6              | 20.0         | RF-RET-6M   |
| 10             | 32.8         | RF-RET-10M  |
| 15             | 49.0         | RF-RET-15M  |
| 20             | 65.6         | RF-RET-20M  |
| 30             | 98.4         | RF-RET-30M  |
| 40             | 131.2        | RF-RET-40M  |
| 50             | 164.0        | RF-RET-50M  |
| 60             | 196.9        | RF-RET-60M  |
| 70             | 229.7        | RF-RET-70M  |
| 80             | 262.0        | RF-RET-80M  |
| 90             | 295.0        | RF-RET-90M  |
| 100            | 328.0        | RF-RET-100M |

### Outdoor DC Power Cables

- UL approved for direct burial or sunlight applications
- Tinned copper braid and aluminum tape with drain wire
- 600 volts power tray cable
- Available per foot or bulk
- Labeled per ICEA standards
- Other wire colors available
- RoHS compliant

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| Cable Type    | Comp A                                | Comp B                                     | Overall Cable  | Nominal OD (inches) | Description  | Part Number   |
|---------------|---------------------------------------|--|--|---------------------|--|---------------|
| 7/C Composite | 6/C 8 168/30 TC, .032 PVC, .006 Nylon | 1/C 10 105/30 BC Ground Wire - Uninsulated | M/A Foil, 12 65/30 TC DW, 36 TC BS - 85%, .085 PVC JKT | .910                | 8-AWG, 6-conductor shielded, #8 tinned copper with #10 bare ground wire                  | 86CS-8MC-10   |
| 3/C Composite | 2/C 12 65/30 TC, .016 PVC, .005 Nylon | 1/C 12 65/30 BC Ground Wire - Uninsulated  | M/A Foil, 14 41/30 TC DW, 36 TC BS - 85%, .050 PVC JKT | .395                | 12-AWG, 2-conductor shielded, #12 AWG 65 strands tinned copper with #12 bare ground wire | 122CS-12RB-12 |

\*Specifications subject to change without notice.