

A2K-TDC Micro Cable Assemblies

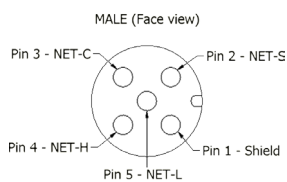
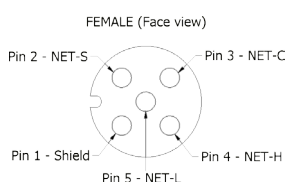
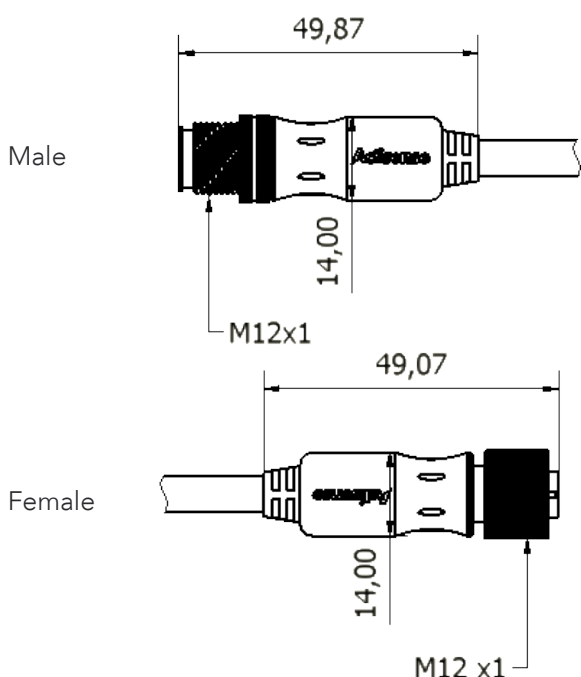


Use as drop cable or to extend the length of an NMEA 2000® backbone...

Actisense micro cable assemblies allow quick installation and come with a quality reassurance, as only the Actisense UL certified cable is used.

Available in various lengths, the cable assemblies can be used as either drop cable* from an NMEA 2000 backbone or to extend the length of the backbone cable.

Product Dimensions



| Electrical | |
|----------------------------------|-----------------------------------|
| Rated Current | 4A |
| Rated Voltage | 125V |
| Mechanical | |
| Male Contact | Brass, gold plated |
| Female Contact | Phosphor bronze, gold plated |
| Contact Carrier | PBT, black |
| Contact Polarisation | Standard M12 - "A" - polarisation |
| Mating Thread | M12 |
| Screw Cap | Brass, nickel plated |
| O-Ring Seal | Rubber, black |
| Housing | PVC, black |
| Power Pair | 22 AWG (19 strand tinned copper) |
| Data Pair | 24 AWG (19 strand tinned copper) |
| Drain | 22 AWG (19 strand tinned copper) |
| Braid | 37 AWG (tinned copper) |
| Jacket Material | 0.8mm Nom. PVC, black |
| Jacket Outer Diameter | 6.85mm ±0.254mm |
| Weights | 0.25m: 51g, 0.5m: 67g, |
| 1m: 102g, 2m: 166g, | |
| 5m: 379g, 6m : 447g, | |
| 8m: 570g, 10m: 733g | |
| Approvals and Certifications | |
| Protection | IP67 (when mated) |
| Operating Temperature | -20°C to +70°C |
| Storage Temperature | -40°C to +85°C |
| NMEA 2000 Certified | |
| RoHS Compliant | |
| UL Certified (E137250), (UL1277) | |

Connections

| Name | Connector Pins | Wire Colour |
|--------|----------------|-------------|
| NET-L | Pin 5 | Blue |
| NET-H | Pin 4 | White |
| Shield | Pin 1 | Green |
| NET-S | Pin 2 | Red |
| NET-C | Pin 3 | Black |