



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

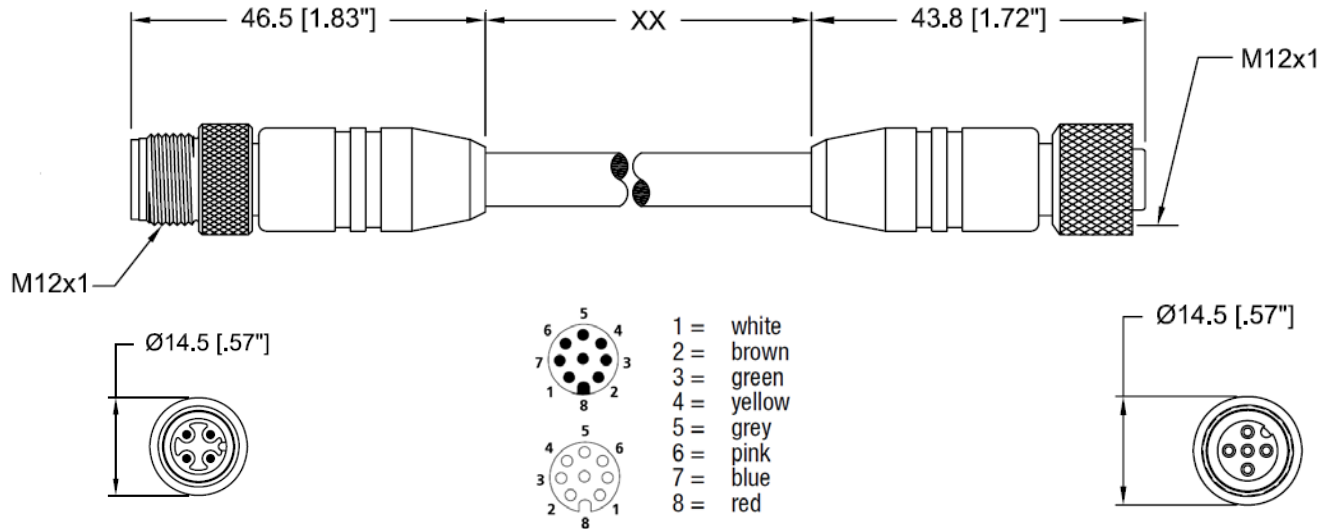
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**Drawings**



**Technical Data**

| Cordage Construction            |   | Diameters (In)   |
|---------------------------------|---|--|
| Cordage Part Number             | 123   |  |
| Component 1                     | 8 COND  |  |
| a) Conductor                    | 22 (26/36) AWG Bare Copper                          | 0.027  |
| b) Insulation                   | 0.010" Wall, Nom. mPPE                              | 0.047  |
| Insulation Colors               | White, Brown, Green, Yellow, Grey, Pink, Blue & Red |  |
| Jacket                          | 0.040" Wall, Nom. PUR, Zero Halogen                 | 0.258  |
| a) Color(s)                     | SLATE   |  |
| Cord Configuration              |   |  |
| End 1                           | M12-A Male  |  |
| End 2                           | M12-A Female  |  |
| Insert                          | Black TPU   |  |
| Mold Color                      | Black TPU   |  |
| Contact                         | Copper Alloy, Gold plated                           |  |
| Coupling Nut                    | Copper Alloy, Nickel plated                         |  |
| O-Ring                          | FKM   |  |
| Available Lengths               | 0.6, 1, 3, 5, 10, 15, 20 Meters                     |  |
| Applicable Specifications-Cable |   |  |
| UL                              | AWM/STYLE 20549<br>AWM/STYLE 21959                  | 80°C / 300 V <sub>RMS</sub><br>90°C / 600 V <sub>RMS</sub> |
| CSA International               | C(RU) AWM I/II A/B FT1                              | 90°C / 600 V <sub>RMS</sub>                                |

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|   |  |  |
|---|--|--|
| <b>Applicable Specifications-Cord Set</b>   |  |  |
| UL  | ANSI/UL 2238, Cable Assembly Extension RU, UL File Number E485156  |  |
| CSA   | CSA-C22.2 No. 182.3, Special Use Attachment Plugs, Receptacles and Connectors<br>cRU, UL File Number E485156   |  |
| <b>Nominal Voltage</b>                      | 30 V   |  |
| <b>Rated Voltage</b>                        | 36 V   |  |
| Ingress Protection                          | IP67/NEMA 6P   |  |
| <b>Environmental Compliance</b>             |  |  |
| CE  | All materials used in the manufacture of this part meet the requirements of European Directive 2011/65/EU regarding the restriction of use of certain hazardous substances in electrical and electronic equipment. Exemption used; 6a. |  |
| REACH Regulation (EC 1907/2006)             | This product does not contain Substances of Very High Concern (SVHC) listed on the European Union's REACH candidate list in excess of 0.1% mass of the item.   |  |
| <b>Physical &amp; Mechanical Properties</b> |  |  |
| Temperature Range, Cord                     | -50 to 90°C(static), -40 to 80°C (dynamic)   |  |
| Temperature Range, Connector                | -25°C to +80°C   |  |
| Bend Radius                                 | 4X Cable Diameter (static), 6X Cable Diameter (dynamic)  |  |
| Pull Tension                                | 41 Lbs, Maximum  |  |
| Current Rating                              | 1.9 Amps @ 50°C  |  |
| <b>Ordering Information</b>                 |  |  |
| DR08AR123 SL355                             | 0.6 Meters   |  |
| DR08AR123 SL356                             | 1.0 Meters   |  |
| DR08AR123 SL357                             | 3.0 Meters   |  |
| DR08AR123 SL358                             | 5.0 Meters   |  |
| DR08AR123 SL359                             | 10.0 Meters  |  |
| DR08AR123 SL400                             | 15.0 Meters  |  |
| DR08AR123 SL401                             | 20.0 Meters  |  |
| Standard Package                            | Each   |  |

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