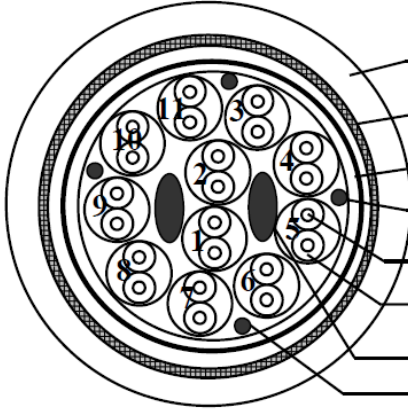



MVC-Cable Type #: 1


Please Note that Cable Type #: 2 (pg. 2) may be substituted for Cable Type #: 1, For non-PoCL assemblies.

| SPECIFICATION: | | (1P*28#+AL)*11C+4D+ FEP tape + Free-edge-AL-MYLAR +B | | CONSTRUCTION D.W.G | | | | | | | | | | | | | |
|--|---------------|---|----------|---|--|----------|--|----------|--|---------|--|-----|---|---------|-----|------|----------|
| ITEM | | SPECIFICATION | |  <p>COLOUR CODE: (1P+AL)*11C: 1. white*white/black 2. white*white/red 3. white*white/green 4. white*white/blue 5. white*white/purple 6. white*white/gray 7. white*white/yellow 8. white*white/orange 9. white*white/brown 10. white/blue*white/green 11. white/black*white/red</p> <p>机(機)器人 / 拖链</p> <p>MINIMUM BEND RADIUS: 10X O.D.</p>  <p>COMPONENTS EXPRESS, INC. 10330 Argonne Woods Drive, Ste100 Woodridge, IL 60517</p> <p>2065940066 (E0755-1) 8/8/19</p> <table border="1"> <tr> <td>APPROVED</td> <td></td> <td>CUSTOMER</td> <td></td> </tr> <tr> <td>CHECKED</td> <td></td> <td>REV</td> <td>A</td> </tr> <tr> <td>DRAWING</td> <td>CWJ</td> <td>DATE</td> <td>16/11/03</td> </tr> </table> | | APPROVED | | CUSTOMER | | CHECKED | | REV | A | DRAWING | CWJ | DATE | 16/11/03 |
| APPROVED | | CUSTOMER | | | | | | | | | | | | | | | |
| CHECKED | | REV | A | | | | | | | | | | | | | | |
| DRAWING | CWJ | DATE | 16/11/03 | | | | | | | | | | | | | | |
| CONDUCTOR | AWG | 28AWG | | | | | | | | | | | | | | | |
| | MATERIAL | TINNED COPPER | | | | | | | | | | | | | | | |
| | COND.SIZE | 19/0.08± 0.008 mm | | | | | | | | | | | | | | | |
| INSULATION | MIN.AVG.THICK | 0.25 mm | | | | | | | | | | | | | | | |
| | MATERIAL | FM-PE+SKIN | | | | | | | | | | | | | | | |
| | O . D | 1.02± 0.05 mm | | | | | | | | | | | | | | | |
| Face Outside AL.Mylar | COVERAGE | 100% | | | | | | | | | | | | | | | |
| | OVERLAP | 25% MIN | | | | | | | | | | | | | | | |
| | N O. | (1P+AL)*11C | | | | | | | | | | | | | | | |
| DRAIN | AWG | 28AWG | | | | | | | | | | | | | | | |
| | MATERIAL | TINNED COPPER | | | | | | | | | | | | | | | |
| | SIZE | 19/0.08± 0.008 mm×4PCS | | | | | | | | | | | | | | | |
| FEP tape | COVERAGE | 100% | | | | | | | | | | | | | | | |
| | OVERLAP | 25% MIN | | | | | | | | | | | | | | | |
| Free-edge-AL-MYLAR | COVERAGE | 100% | | | | | | | | | | | | | | | |
| | OVERLAP | 25% MIN | | | | | | | | | | | | | | | |
| DRAIN | AWG | / | | | | | | | | | | | | | | | |
| | MATERIAL | / | | | | | | | | | | | | | | | |
| | SIZE | / | | | | | | | | | | | | | | | |
| BRAID COPPER | MATERIAL | TINNED COPPER | | | | | | | | | | | | | | | |
| | SIZE | 24*10/0.12± 0.008 mm 90% MIN | | | | | | | | | | | | | | | |
| JACKET | MIN.AVG.THICK | 0.51 mm | | | | | | | | | | | | | | | |
| | MATERIAL | HALF MATT PVC | | | | | | | | | | | | | | | |
| | COLOUR | UL813 | | | | | | | | | | | | | | | |
| | O . D | 9.50 ± 0.20 mm | | | | | | | | | | | | | | | |
| ELECTRICAL CHARACTERISTICS | | PHYSICAL PROPERTIES OF JACKET | | | | | | | | | | | | | | | |
| 1. Rating : TEMP 80°C ; VOLTAGE 30V 2. Conductor Resistance: at 20°C MAX 28AWG: 237.25Ω/km; 3. Insulation Resistance: 100MΩ-km min at 20°C 4. Dielectric Strength: AC 500V/1minute no breakdown. 5. Impedance: 100±10Ω 6.Time Delay Skew: within a pair(max) 50ps/M; 7.Delay Max 5.20ns/m | | 1.Tensile Strength: Unaged: 1500PSI min Aged: 70% min 2. Elongation: Unaged: 100% min Aged: 65% 3. Heat shock test: NO CRACKING 4. Cold bend test: NO CRACKING 5. Deformation test: MAX 50% 6. Flame test: PASS VW-1 | | | | | | | | | | | | | | | |

CC-EW-206A

MVC-Cable Type #: 2

Please Note that Cable Type #: 2 (pg. 2) may be substituted for Cable Type #: 1, For non-PoCL assemblies.

| SPECIFICATION: | | (1P*28#+AL)*11C+2C*24#+2D+ FEP tape + Free-edge-AL-MYLAR +B | | CONSTRUCTION D.W.G | | | | | | | | | | | | |
|---|---------------|---|------------------------------|---|----------|--|----------|--|---------|--|-----|---|---------|-----|------|----------|
| ITEM | | SPECIFICATION | | | | | | | | | | | | | | |
| CONDUCTOR | AWG | 28AWG | 24AWG | | | COLOUR CODE: (1P+AL)*11C: 1.white*white/black 2. white*white/red 3. white*white/green 4. white*white/blue 5. white*white/purple 6. white*white/gray 7. white*white/yellow 8. white*white/orange 9. white*white/brown 10. white/blue*white/green 11. white/black*white/red 2C*24#:12.red 13.black | | | | | | | | | | |
| | MATERIAL | TINNED COPPER | TINNED COPPER | | | | | | | | | | | | | |
| | COND.SIZE | 19/0.08± 0.008 mm | 19/0.127± 0.008 mm | | | | | | | | | | | | | |
| INSULATION | MIN.AVG.THICK | 0.25 mm | 0.25 mm | | | | | | | | | | | | | |
| | MATERIAL | FM-PE+SKIN | SR-PVC | | | | | | | | | | | | | |
| | O . D | 1.02± 0.05 mm | 1.10± 0.05 mm | | | | | | | | | | | | | |
| Face Outside AL.Mylar | COVERAGE | 100% | / | | | | | | | | | | | | | |
| | OVERLAP | 25% MIN | / | | | | | | | | | | | | | |
| | N O. | (1P+AL)*11C | 2C | | | | | | | | | | | | | |
| DRAIN | AWG | | 24AWG | | | | | | | | | | | | | |
| | MATERIAL | | TINNED COPPER | | | | | | | | | | | | | |
| | SIZE | | 19/0.127± 0.008 mm×2PCS | | | | | | | | | | | | | |
| FEP tape | COVERAGE | | 100% | | | | | | | | | | | | | |
| | OVERLAP | | 25% MIN | | | | | | | | | | | | | |
| Free-edge-AL-MYLAR | COVERAGE | | 100% | | | | | | | | | | | | | |
| | OVERLAP | | 25% MIN | | | | | | | | | | | | | |
| DRAIN | AWG | | / | | | | | | | | | | | | | |
| | MATERIAL | | / | | | | | | | | | | | | | |
| | SIZE | | / | | | | | | | | | | | | | |
| BRAID COPPER | MATERIAL | | TINNED COPPER | | | | | | | | | | | | | |
| | SIZE | | 24*10/0.12± 0.008 mm 90% MIN | | | | | | | | | | | | | |
| JACKET | MIN.AVG.THICK | | 0.51 mm | | | | | | | | | | | | | |
| | MATERIAL | | HALF MATT PVC -20℃~80℃ | | | | | | | | | | | | | |
| | COLOUR | | UL813 | | | | | | | | | | | | | |
| | O . D | | 9.50 ± 0.20 mm | | | | | | | | | | | | | |
| ELECTRICAL CHARACTERISTICS | | PHYSICAL PROPERTIES OF JACKET | | 机(機)器人 / 拖链 MINIMUM BEND RADIUS: 10X O.D.  COMPONENTS EXPRESS, INC. 10330 Argonne Woods Drive, Ste100 Woodridge, IL 60517 206594006900 8/8/19 | | | | | | | | | | | | |
| 1. Rating: TEMP 80℃ ; VOLTAGE 30V | | 1.Tensile Strength: Unaged: 1500PSI min Aged: 70% min | | | | | | | | | | | | | | |
| 2. Conductor Resistance: at 20℃ MAX 28AWG: 237.25Ω/km; 24AWG: 93.25Ω/km | | 2. Elongation: Unaged: 100% min Aged: 65% | | | | | | | | | | | | | | |
| 3. Insulation Resistance: 28AWG 100MΩ·km min at 20℃ 24AWG 10MΩ·km min at 20℃ | | 3. Heat shock test: NO CRACKING | | | | | | | | | | | | | | |
| 4. Dielectric Strength: AC 500V/1minute no breakdown. | | 4. Cold bend test: NO CRACKING | | | | | | | | | | | | | | |
| 5. Impedance: 100±10Ω | | 5. Deformation test: MAX 50% | | | | | | | | | | | | | | |
| 6.Time Delay Skew: within a pair(max) 50ps/M; | | 6. Flame test: PASS VW-1 | | | | | | | | | | | | | | |
| 7.Delay Max 5.20ns/m | | | | <table border="1"> <tr> <td>APPROVED</td> <td></td> <td>CUSTOMER</td> <td></td> </tr> <tr> <td>CHECKED</td> <td></td> <td>REV</td> <td>A</td> </tr> <tr> <td>DRAWING</td> <td>CWJ</td> <td>DATE</td> <td>16/11/03</td> </tr> </table> | APPROVED | | CUSTOMER | | CHECKED | | REV | A | DRAWING | CWJ | DATE | 16/11/03 |
| APPROVED | | CUSTOMER | | | | | | | | | | | | | | |
| CHECKED | | REV | A | | | | | | | | | | | | | |
| DRAWING | CWJ | DATE | 16/11/03 | | | | | | | | | | | | | |