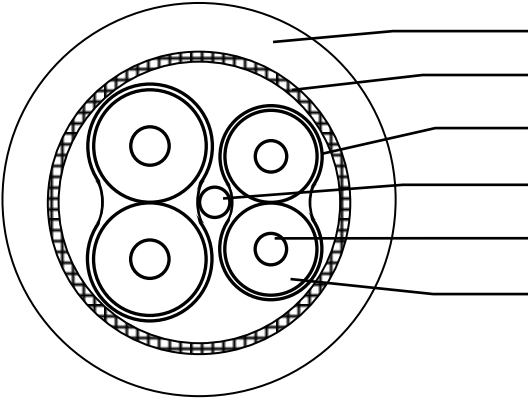


| SPECIFICATION:  |               | (1P*24#+Free-edge AL.Mylar)+(1P*22#+Free-edge AL.Mylar)+Drain+Braid   |                 | CONSTRUCTION DWG  |                        |   |  |
|---|---------------|---|-----------------|---|------------------------|---|--|
| ITEM  |               | SPECIFICATION   |                 |    |                        |   |  |
| CONDUCTOR   | AWG           | 24AWG   | 22AWG           |   |                        | <b>COLOR CODE:</b><br>1P*24AWG: LIGHT BLUE*WHITE<br>1P*22AWG: RED*BLACK |  |
|   | MATERIAL      | TINNED COPPER   | TINNED COPPER   |   |                        |   |  |
|   | COND.SIZE     | 19/0.127±0.008MM  | 19/0.16±0.008MM |   |                        |   |  |
| INSULATION  | MIN.AVG.THICK | 0.50MM  | 0.23MM          |   |                        |   |  |
|   | MATERIAL      | FM-PE   | SR-PVC          |   |                        |   |  |
|   | O . D         | 1.95±0.05MM   | 1.40±0.07MM     |   |                        |   |  |
| Free-edge AL.MYLAR  | N O.          | 1P+AL   | 1P+AL           |   |                        |   |  |
|   | COVERAGE      | 100%  | 100%            |   |                        |   |  |
| DRAIN   | OVERLAP       | 25% MIN   | 25% MIN         |   |                        |   |  |
|   | AWG           | 22AWG   |                 |   |                        |   |  |
| BRAID COPPER  | MATERIAL      | TINNED COPPER   |                 |   |                        |   |  |
|   | SIZE          | 16*6/0.12±0.008MM   |                 |   |                        |   |  |
|   | MATERIAL      | TINNED COPPER   |                 |   |                        |   |  |
| JACKET  | SIZE          | 16*6/0.12±0.008MM   |                 |   |                        |   |  |
|   | MIN.AVG.THICK | 0.38MM  |                 |   |                        |   |  |
|   | MATERIAL      | HALF MATT PVC   |                 |   |                        |   |  |
|   | COLOR         | BLACK (CL2-PS-813/70P)  |                 |   |                        |   |  |
|   |               | O . D   | 6.70 ± 0.15MM   |   |                        |   |  |
| <b>ELECTRICAL CHARACTERISTICS</b>   |               | <b>PHYSICAL PROPERTIES</b>  |                 | <b>MARKING</b>  |                        |   |  |
| 1. Rating : TEMP 75°C ;<br>2. Conductor Resistance: at 20°C MAX<br>22AWG: 55.00Ω/km; 24AWG: 93.25Ω/km;<br>3. Insulation Resistance: 10MΩ/km min at 20°C dc 500V<br>4. Dielectric Strength: AC 500V/1minute<br>5. Impedance: 120±15 Ω 1P*24AWG |               | 1.Tensile Strength: Unaged: 2000PSI min Aged: 85% min<br>2. Elongation: Unaged: 100% min Aged: 50%<br>3. Heat shock test: NO CRACKING<br>4. Cold bend test: NO CRACKING<br>5. Deformation test: MAX 50%<br>6. Flame test: PASS VW-1 |                 | E139956 (UL) TYPE CL2 75°C 24AWG/2C+22AWG/2C<br>LL84201 CSA TYPE CMG FT4 COPARTNER  |                        |   |  |
|   |               |   |                 | <b>REMARK</b>   |                        |   |  |
|   |               |   |                 | Non-migration for ABS and PS: Temp 65±1°C, 48±1h , Load :500±25g ,<br>No migration or stain on ABS and PS plate.<br>WHITE MARKING |                        |   |  |
|   |               |   |                 | <b>CnC Tech, LLC</b>  |                        |   |  |
|   |               |   |                 | <b>PART NO.</b>   | 2000-2422-1-BL-0600-TS |   |  |
|   |               |   |                 | <b>APPROVED</b>   | <b>CUSTOMER</b>        |   |  |
|   |               |   |                 | <b>CHECKED</b>  | <b>REV</b> A / 1       |   |  |
|   |               |   |                 | <b>DRAWING</b>  | <b>DATE</b> 2016/7/25  |   |  |