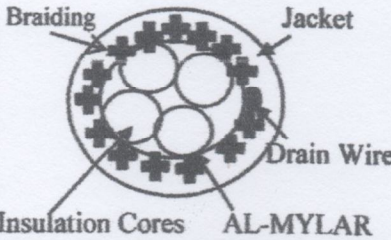


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**TECHNICAL SPECIFICATION**

|                                                        |                                                                                                                                                                                                                      |                                                                                                                          |
|--------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| MODEL                                                  | PVC INSULATED AND SHEATHED CABLE                                                                                                                                                                                     | <div>Cable Drawing: Scale: None</div>  |
| RATING                                                 | 80 °C 300V                                                                                                                                                                                                           |                                                                                                                          |
| TYPE                                                   | STYLE 2464                                                                                                                                                                                                           |                                                                                                                          |
| SIZE                                                   | 24 AWG X 4C + A + E + B                                                                                                                                                                                              |                                                                                                                          |
| STANDARD                                               | REF : UL 758                                                                                                                                                                                                         |                                                                                                                          |
| APPLICATION                                            | The product is compliance with RoHS requirement.<br>The product is suitable application for temperature and voltage not exceeding wiring system at dry location and apply for data transfer of electronic equipment. |                                                                                                                          |
| Technical Data:                                        |                                                                                                                                                                                                                      |                                                                                                                          |
| Conductor Maerial                                      | TC (TINNED STRANDS COPPER)                                                                                                                                                                                           |                                                                                                                          |
| Conductor NO. / Diameter (mm)                          | 7 / 0.203 ± 0.005 mm                                                                                                                                                                                                 |                                                                                                                          |
| Minimum Average Thickness of Insulation (mm)           | 0.25 mm                                                                                                                                                                                                              |                                                                                                                          |
| Minimum Thickness at Any Place of Insulation (mm)      | 0.23 mm                                                                                                                                                                                                              |                                                                                                                          |
| Insulation Material                                    | LEAD FREE SR-PVC                                                                                                                                                                                                     |                                                                                                                          |
| Insulation Color                                       | BLACK, WHITE, RED, YELLOW                                                                                                                                                                                            |                                                                                                                          |
| Diameter of Insulation (mm)                            | 1.10 ± 0.08 mm                                                                                                                                                                                                       |                                                                                                                          |
| ASSEMBLY STRANDED                                      | 4 CORES STRANDED WITH AL-MYLAR WRAPPING                                                                                                                                                                              |                                                                                                                          |
| BRAIDING (TCU) (Gps/ No./ d) mm ; Drain Wire (No./mm)  | 16 / 5 / 0.120 mm (TCU) ; 7 / 0.200 mm                                                                                                                                                                               |                                                                                                                          |
| Minimum Average Thickness of Sheath (Jacket) (mm)      | 0.76 mm                                                                                                                                                                                                              |                                                                                                                          |
| Minimum Thickness at Any Place of Sheath (Jacket) (mm) | 0.69 mm                                                                                                                                                                                                              |                                                                                                                          |
| Sheath (Jacket) Material                               | LEAD FREE PVC                                                                                                                                                                                                        |                                                                                                                          |
| Sheath (Jacket) Color                                  | GRAY OR OTHER COLOR                                                                                                                                                                                                  |                                                                                                                          |
| Overall Diameter of Cable (mm)                         | 5.10 ± 0.15 mm                                                                                                                                                                                                       |                                                                                                                          |



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**TECHANICAL SPECIFICATION**

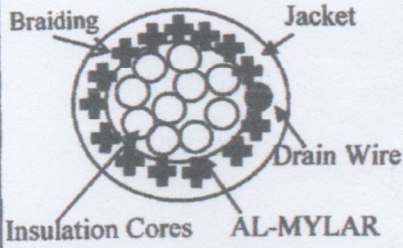
| ELECTRICAL PROPERTIES :                                                       |        |                                    |                                               |
|-------------------------------------------------------------------------------|--------|------------------------------------|-----------------------------------------------|
| Conductor Resistance at 20 <sup>0</sup> C (Maximum)                           |        | 89.10 Ohm / Km                     |                                               |
| Insulation Resistance at 20 <sup>0</sup> C (Minimum)                          |        | 5 Mohm-km                          |                                               |
| Dielectric Withstand Voltage (AC Voltage)                                     |        | AC 2.0 KV/ MINUTE (NO BROKEN)      |                                               |
| Spark Test Voltage                                                            |        | 4 KV                               |                                               |
| MECHANICAL PROPERTIES:                                                        |        |                                    |                                               |
| Insulation                                                                    | UNAGED | Tensile Strength                   | 3000 PSI (2.10 Kg/mm <sup>2</sup> ) (MINIMUM) |
|                                                                               |        | Elongation at Break                | 100 % (MINIMUM)                               |
|                                                                               | AGED   | Tensile Strength                   | UNAGED MINIMUM 70% (113±2 °C x 168 HRS)       |
|                                                                               |        | Elongation at Break                | UNAGED MINIMUM 65% (113±2 °C x 168 HRS)       |
| Sheath (Jacket)                                                               | UNAGED | Tensile Strength                   | 1500 PSI (1.05 Kg/mm <sup>2</sup> ) (MINIMUM) |
|                                                                               |        | Elongation at Break                | 100 % (MINIMUM)                               |
|                                                                               | AGED   | Tensile Strength                   | UNAGED MINIMUM 70% (113±2 °C x 168 HRS)       |
|                                                                               |        | Elongation at Break                | UNAGED MINIMUM 45% (113±2 °C x 168 HRS)       |
| Deformation Test                                                              |        | MAXIMUM 50% (121±2 °C , 1 HR)      |                                               |
| Heat Shock Test of Cable                                                      |        | (120 °C , 1 HR., 6 turns) NO CRACK |                                               |
| Cold Bend Test                                                                |        | (-10±2 °C , 1 HR) NO CRACK         |                                               |
| FLAME TEST                                                                    |        | VW-1 O.K                           |                                               |
| Surface Mark on Jacket:                                                       |        |                                    |                                               |
| STYLE 2464 AWG 24 X 4 C Shield + AL-Mylar 80 <sup>0</sup> C 300V VW-1SC Kuwes |        |                                    |                                               |



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### TECHNICAL SPECIFICATION

|                                                        |                                                                                                                                                                                                                      |                                                                                                                           |
|--------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| MODEL                                                  | PVC INSULATED AND SHEATHED CABLE                                                                                                                                                                                     | <div>Cable Drawing: Scale: None</div>  |
| RATING                                                 | 80 °C 300V                                                                                                                                                                                                           |                                                                                                                           |
| TYPE                                                   | STYLE 2464                                                                                                                                                                                                           |                                                                                                                           |
| SIZE                                                   | 24 AWG X 10 C + A + E + B                                                                                                                                                                                            |                                                                                                                           |
| STANDARD                                               | REF : UL 758                                                                                                                                                                                                         |                                                                                                                           |
| APPLICATION                                            | The product is compliance with RoHS requirement.<br>The product is suitable application for temperature and voltage not exceeding wiring system at dry location and apply for data transfer of electronic equipment. |                                                                                                                           |
| Technical Data:                                        |                                                                                                                                                                                                                      |                                                                                                                           |
| Conductor Maerial                                      | TC (TINNED STRANDS COPPER)                                                                                                                                                                                           |                                                                                                                           |
| Conductor NO. / Diameter (mm)                          | 7 / 0.203 ± 0.005 mm                                                                                                                                                                                                 |                                                                                                                           |
| Minimum Average Thickness of Insulation (mm)           | 0.25 mm                                                                                                                                                                                                              |                                                                                                                           |
| Minimum Thickness at Any Place of Insulation (mm)      | 0.23 mm                                                                                                                                                                                                              |                                                                                                                           |
| Insulation Material                                    | LEAD FREE SR-PVC                                                                                                                                                                                                     |                                                                                                                           |
| Insulation Color(Inner WT, BK; Outer RD,....., GY)     | WT, BK, RD, YL, BL, GR, BR, OR, VL, GY                                                                                                                                                                               |                                                                                                                           |
| Diameter of Insulation (mm)                            | 1.10 ± 0.08 mm                                                                                                                                                                                                       |                                                                                                                           |
| ASSEMBLY STRANDED                                      | 10 CORES STRANDED WITH AL-MYLAR WRAPPING                                                                                                                                                                             |                                                                                                                           |
| BRAIDING (TCU) (Gps/ No./ d) mm ; Drain Wire (No./mm)  | 16 / 7 / 0.120 mm (TCU) ; 7 / 0.200 mm                                                                                                                                                                               |                                                                                                                           |
| Minimum Average Thickness of Sheath (Jacket) (mm)      | 0.76 mm                                                                                                                                                                                                              |                                                                                                                           |
| Minimum Thickness at Any Place of Sheath (Jacket) (mm) | 0.69 mm                                                                                                                                                                                                              |                                                                                                                           |
| Sheath (Jacket) Material                               | LEAD FREE PVC                                                                                                                                                                                                        |                                                                                                                           |
| Sheath (Jacket) Color                                  | GRAY OR OTHER COLOR                                                                                                                                                                                                  |                                                                                                                           |
| Overall Diameter of Cable (mm)                         | 6.80 ± 0.15 mm                                                                                                                                                                                                       |                                                                                                                           |



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TECHNICAL SPECIFICATION

**ELECTRICAL PROPERTIES :**

|                                           |                               |
|-------------------------------------------|-------------------------------|
| Conductor Resistance at 20°C (Maximum)    | 89.10 Ohm / Km                |
| Insulation Resistance at 20°C (Minimum)   | 5 Mohm-km                     |
| Dielectric Withstand Voltage (AC Voltage) | AC 2.0 KV/ MINUTE (NO BROKEN) |
| Spark Test Voltage                        | 4 KV                          |

**MECHANICAL PROPERTIES:**

|                          |        |                     |                                               |
|--------------------------|--------|---------------------|-----------------------------------------------|
| Insulation               | UNAGED | Tensile Strength    | 3000 PSI (2.10 Kg/mm <sup>2</sup> ) (MINIMUM) |
|                          |        | Elongation at Break | 100 % (MINIMUM)                               |
|                          | AGED   | Tensile Strength    | UNAGED MINIMUM 70% (113±2 °C x 168 HRS)       |
|                          |        | Elongation at Break | UNAGED MINIMUM 65% (113±2 °C x 168 HRS)       |
| Sheath (Jacket)          | UNAGED | Tensile Strength    | 1500 PSI (1.05 Kg/mm <sup>2</sup> ) (MINIMUM) |
|                          |        | Elongation at Break | 100 % (MINIMUM)                               |
|                          | AGED   | Tensile Strength    | UNAGED MINIMUM 70% (113±2 °C x 168 HRS)       |
|                          |        | Elongation at Break | UNAGED MINIMUM 45% (113±2 °C x 168 HRS)       |
| Deformation Test         |        |                     | MAXIMUM 50% (121±2 °C , 1 HR)                 |
| Heat Shock Test of Cable |        |                     | (120 °C , 1 HR., 6 turns) NO CRACK            |
| Cold Bend Test           |        |                     | (-10±2 °C , 1 HR) NO CRACK                    |
| FLAME TEST               |        |                     | VW-1 O.K                                      |

Surface Mark on Jacket:

**STYLE 2464 AWG 24 X 10 C Shield + AL-Mylar 80°C 300V VW-1SC Kuwes**