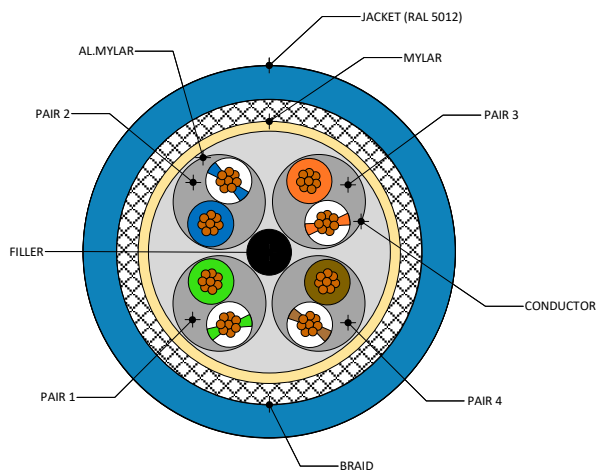




## WIRE SPECIFICATIONS

CAT6.A,UL 21104,SF/UTP 26AWG/28\*4P+MYLAR+B



|                          |                |                                                                                 |           |
|--------------------------|----------------|---------------------------------------------------------------------------------|-----------|
| CONDUCTOR                | AWG            | 26                                                                              |           |
|                          | MATERIAL       | BC                                                                              |           |
|                          | COND.SIZE (mm) | 28/0.08 ± 0.008                                                                 |           |
| INSULATION               | MATERIAL       | FM-PE                                                                           |           |
|                          | DIAMETER (mm)  | 1.10 ± 0.08                                                                     |           |
|                          | AVG.THICK (mm) | 0.2                                                                             |           |
|                          | COLOR          | (Orange/White-Orange),(Green/White-Green),(Blue/White-Blue),(Brown/White-Brown) |           |
|                          | TWISTED (mm)   | -                                                                               |           |
| DRAIN WIRE               | AWG            | -                                                                               |           |
|                          | MATERIAL       | -                                                                               |           |
|                          | COND.SIZE (mm) | -                                                                               |           |
|                          | DIAMETER (mm)  | -                                                                               |           |
| FACE OUTSIDE<br>AL.MYLAR | COVERAGE (%)   | 100%                                                                            |           |
|                          | OVERLAP (%)    | ≥25%                                                                            |           |
| BRAID                    | MATERIAL       | TC                                                                              |           |
|                          | CONSTRUCTION   | 16*6/0.10 ± 0.08mm                                                              |           |
|                          | COVERAGE (%)   | -                                                                               |           |
| JACKET                   | MATERIAL       | TPE                                                                             |           |
|                          | COLOR          | BLUE                                                                            | RAL: 5012 |
|                          | (mm) MIN.THICK | 0.3                                                                             |           |
|                          | (mm) AVG THICK | 0.38                                                                            |           |
|                          | (mm) DIAMETER  | 7.0 ± 0.2                                                                       |           |

|                                 |                    |
|---------------------------------|--------------------|
| BEND RADIUS (FIXED)             | 5 X OUTER Ø        |
| BEND RADIUS (MOVING)            | 10 X OUTER Ø       |
| NO. OF BENDING CYCLES (C-TRACK) | MAX. 2 Mio. (25°C) |
| TORSION STRESS                  | ± 270°/m           |
| NO. OF TORSION CYCLES           | MAX. 3 Mio. (25°C) |

|                          |             |
|--------------------------|-------------|
| NOMINAL VOLTAGE          | 30V         |
| TEST VOLTAGE             | 500V        |
| TEMPERATURE RANGE FIXED  | -5°C > 80°C |
| TEMPERATURE RANGE MOBILE | -5°C > 40°C |
| INSULATION VOLTAGE       | 600V        |

|         |                                                                                                |
|---------|------------------------------------------------------------------------------------------------|
| MARKING | ACT SAS-SUPERFLEX - CAT6A SF/UTP - AWG26/28*4P - E119932-Y AWM21104 80°C - 30V / ISOLATED-600V |
|---------|------------------------------------------------------------------------------------------------|

|                |            |
|----------------|------------|
| CREATION DATE: | 9-6-2023   |
| REVISION DATE: | 25-10-2023 |
| REVISION:      | V1.00      |
| PRINT DATE:    | 25-10-2023 |