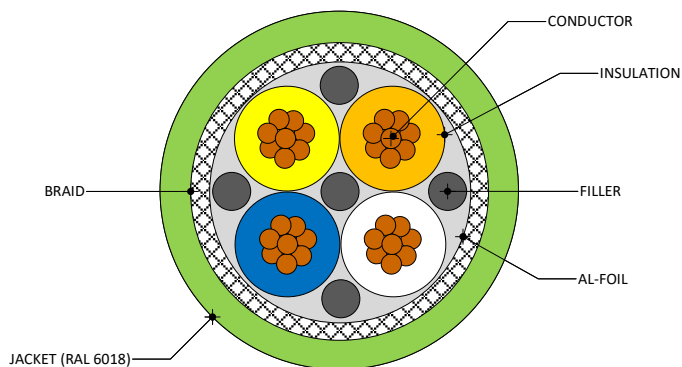




## WIRE SPECIFICATIONS

UL20549,AWG22/19 BA\*4C+FAB



|                          |                |                           |           |
|--------------------------|----------------|---------------------------|-----------|
| CONDUCTOR                | AWG            | 22                        |           |
|                          | MATERIAL       | BA                        |           |
|                          | COND.SIZE (mm) | 19/0.15 ± 0.008           |           |
| INSULATION               | MATERIAL       | HDPE                      |           |
|                          | DIAMETER (mm)  | 1.6 ± 0.08                |           |
|                          | AVG.THICK (mm) | -                         |           |
|                          | COLOR          | Yellow,White, Orange,Blue |           |
|                          | TWISTED (mm)   | -                         |           |
| DRAIN WIRE               | AWG            | -                         |           |
|                          | MATERIAL       | -                         |           |
|                          | COND.SIZE (mm) | -                         |           |
|                          | DIAMETER (mm)  | -                         |           |
| FACE OUTSIDE<br>AL.MYLAR | COVERAGE (%)   | 100%                      |           |
|                          | OVERLAP (%)    | ≥25%                      |           |
| BRAID                    | MATERIAL       | TA                        |           |
|                          | CONSTRUCTION   | 16*8/0.10 ± 0.08mm        |           |
|                          | COVERAGE (%)   | -                         |           |
| JACKET                   | MATERIAL       | PUR                       |           |
|                          | COLOR          | GREEN                     | RAL: 6018 |
|                          | (mm) MIN.THICK | 0.38                      |           |
|                          | (mm) AVG THICK |                           |           |
|                          | (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. 1 Mio. (25°C) |
| TORSION STRESS                  | ± 270°/m           |
| NO. OF TORSION CYCLES           | MAX. 3 Mio. (25°C) |

|                          |             |
|--------------------------|-------------|
| NOMINAL VOLTAGE          | 300V        |
| TEST VOLTAGE             | 500V        |
| TEMPERATURE RANGE FIXED  | -5°C > 80°C |
| TEMPERATURE RANGE MOBILE | -5°C > 40°C |
| INSULATION VOLTAGE       | 600V        |

|         |                                                                                  |
|---------|----------------------------------------------------------------------------------|
| MARKING | ACT SAS-SUPERFLEX – AWG22/19*4C - E119932-Y AWM20549 80°C – 300V / ISOLATED-600V |
|---------|----------------------------------------------------------------------------------|

|                |            |
|----------------|------------|
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