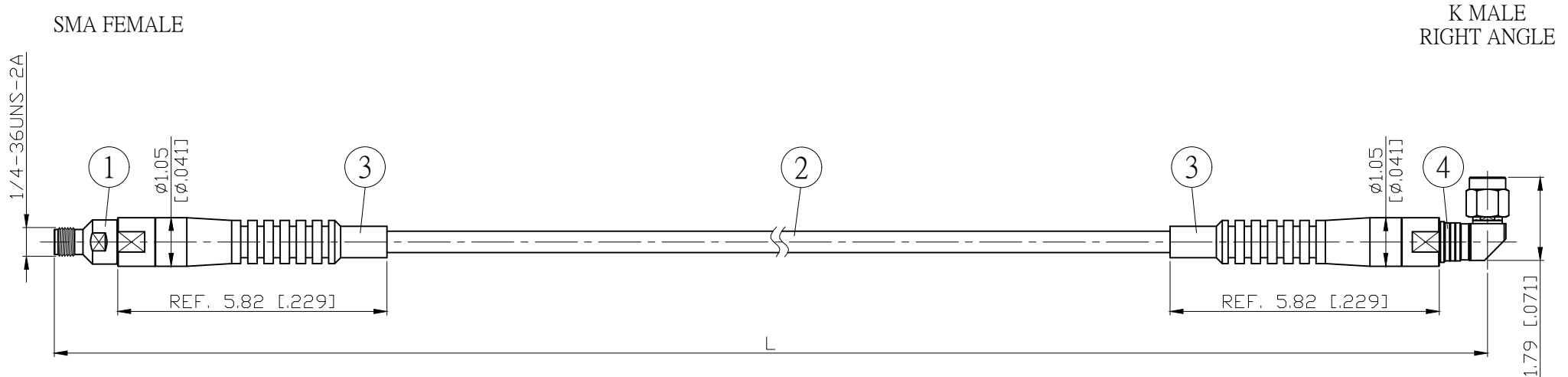


| NO. | COMPONENTS         | IMPEDANCE |
|-----|--------------------|-----------|
| 1   | SMA FEMALE         | 50 OHM    |
| 2   | 6002A              | 50 OHM    |
| 3   | SLEEVE             |           |
| 4   | K MALE RIGHT ANGLE | 50 OHM    |

| REVISION |                 |            |          |
|----------|-----------------|------------|----------|
| REV.     | DESCRIPTON      | DATE       | APPROVED |
| -        | INITIAL RELEASE | 2021/03/05 |          |



| L<br>CM (INCH)         | L1<br>M (MM)   |
|------------------------|----------------|
| 50 (19.685)            | 0.483 (483.0)  |
| 100 (39.370)           | 0.983 (983.0)  |
| 150 (59.055)           | 1.483 (1483.0) |
| 200 (78.740)           | 1.983 (1983.0) |
| Custom length<br>in CM | - - -          |

| Spec    | Phase stability<br>vs bending <sup>(1)</sup> | Amplitude stability vs<br>bending <sup>(2)</sup> | Max VSWR | Max IL                     | Flexure life cycle <sup>(3)</sup> |
|---------|----------------------------------------------|--------------------------------------------------|----------|----------------------------|-----------------------------------|
| 3GHz    | ±0.3° typ / ±0.5° max                        | ±0.005dB typ / ±0.01dB max                       | 1.12 : 1 | ≤ (0.0128dB/cm*Lcm)+0.15dB | ≥ 100000                          |
| 6GHz    | ±0.5° typ / ±0.75° max                       | ±0.0075dB typ / ±0.015dB max                     | 1.15 : 1 | ≤ (0.0189dB/cm*Lcm)+0.20dB |                                   |
| 12.4GHz | ±0.75° typ / ±1.0° max                       | ±0.01dB typ / ±0.02dB max                        | 1.20 : 1 | ≤ (0.0293dB/cm*Lcm)+0.25dB |                                   |
| 18GHz   | ±1.0° typ / ±1.5° max                        | ±0.015dB typ / ±0.03dB max                       | 1.25 : 1 | ≤ (0.0361dB/cm*Lcm)+0.30dB |                                   |
| 26.5GHz | ±1.5° typ / ±2.0° max                        | ±0.02dB typ / ±0.04dB max                        | 1.25 : 1 | ≤ (0.0450dB/cm*Lcm)+0.40dB |                                   |

Notes:

- Operating Temp.: -40°C / +85°C
- Static bend radius 13.8mm
- Dynamic bend radius 30mm
- RoHS Compliant

- (1) Per IEC 60966-1, section 8.6, method 1
- (2) Per IEC 60966-1, section 8.4
- (3) Per IEC 60966-1, section 9.3

| NO. | PARTS NO.   | DESCRIPTION | Q'TY         | U/M | LENGTH TOLERANCE IS ±1.5% OR ±10MM, WHICHEVER IS GREATER. | STANDARD      | REV | UNIT     | JYE BAO CO., LTD.                     |
|-----|-------------|-------------|--------------|-----|-----------------------------------------------------------|---------------|-----|----------|---------------------------------------|
| 4   | U-2.92-M-RA | K PLUG R/A  | 1            | EA  |                                                           | APPROVED      | -   | CM(INCH) | TAIPEI TAIWAN                         |
| 3   | U-6002A     | SLEEVE      | 2            | EA  |                                                           | CHECKED       |     | DATE     | DESCRIPTION                           |
| 2   | 6002A       | CABLE       | SEE TABLE L1 | M   |                                                           | DRAWING       |     | DATE     | CABLE ASSEMBLY SMA JACK TO K PLUG R/A |
| 1   | U-SMA-F     | SMA JACK    | 1            | EA  |                                                           |               |     | DATE     | JYE BAO DRAWING NO.                   |
|     |             |             |              |     |                                                           | <i>Albert</i> |     |          | A80K39-62A-26.5GXXX                   |