

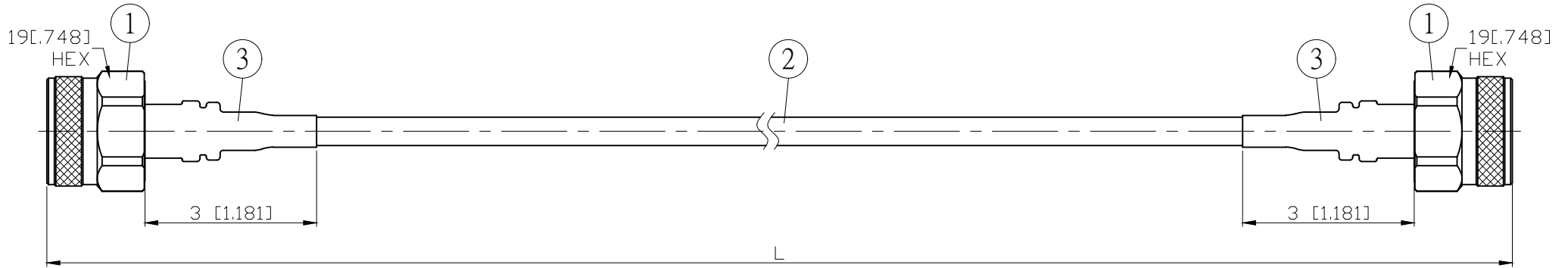
| NO. | COMPONENTS          | IMPEDANCE |
|-----|---------------------|-----------|
| 1   | N MALE              | 50 OHM    |
| 2   | 5005                | 50 OHM    |
| 3   | HEAT SHRINKING TUBE |           |

| REVISION |                 |            |          |
|----------|-----------------|------------|----------|
| REV.     | DESCRIPTON      | DATE       | APPROVED |
| -        | INITIAL RELEASE | 2020/12/30 |          |

## TEST LEAD WITH EXTRA STURDY CABLE / CONNECTOR CONNECTION.

N MALE

N MALE



| L<br>CM (INCH)         | L1<br>M (MM)   |
|------------------------|----------------|
| 50 (19.685)            | 0.476 (475.5)  |
| 100 (39.370)           | 0.976 (975.5)  |
| 150 (59.055)           | 1.476 (1475.5) |
| 200 (78.740)           | 1.976 (1975.5) |
| 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                        | ±0.01dB typ / ±0.02dB max                        | 1.15 : 1 | ≤ (0.0055dB/cm*Lcm)+0.15dB | ≥ 10000                           |
| 6GHz    | ±0.5° typ / ±1.0° max                        | ±0.02dB typ / ±0.04dB max                        | 1.20 : 1 | ≤ (0.0075dB/cm*Lcm)+0.20dB |                                   |
| 12.4GHz | ±0.75° typ / ±1.5° max                       | ±0.03dB typ / ±0.05dB max                        | 1.25 : 1 | ≤ (0.0106dB/cm*Lcm)+0.25dB |                                   |
| 18GHz   | ±1.0° typ / ±2.0° max                        | ±0.05dB typ / ±0.10dB max                        | 1.30 : 1 | ≤ (0.0132dB/cm*Lcm)+0.30dB |                                   |

Notes:

1. Operating Temp.: -55°C / +125°C
2. Static bend radius 16mm
3. Dynamic bend radius 70mm
4. 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

|  |                          |             |                  |  |
|--|--------------------------|-------------|------------------|--|
| LENGTH TOLERANCE<br>IS ±1.5% OR ±10MM,<br>WHICHEVER IS<br>GREATER. | STANDARD                 | REV<br>-    | UNIT<br>CM(INCH) | <b>JYE BAO CO., LTD.</b>                       |
|  | APPROVED                 | DATE        |                  | TAIPEI TAIWAN                                  |
|  | CHECKED                  | DATE        |                  | DESCRIPTION<br>CABLE ASSEMBLY N PLUG TO N PLUG |
|  | DRAWING<br><i>Albert</i> | DATE        |                  | JYE BAO DRAWING NO.<br>N30N30-5005-18GXXX      |
| 3  | G5(F)-10MM-BLACK         | TUBE        | 0.06             | M  |
| 2  | 5005                     | CABLE       | SEE TABLE L1     | M  |
| 1  | N32SHS-0L142             | N PLUG      | 2                | EA   |
| NO.  | PARTS NO.                | DESCRIPTION | Q'TY             | U/M  |