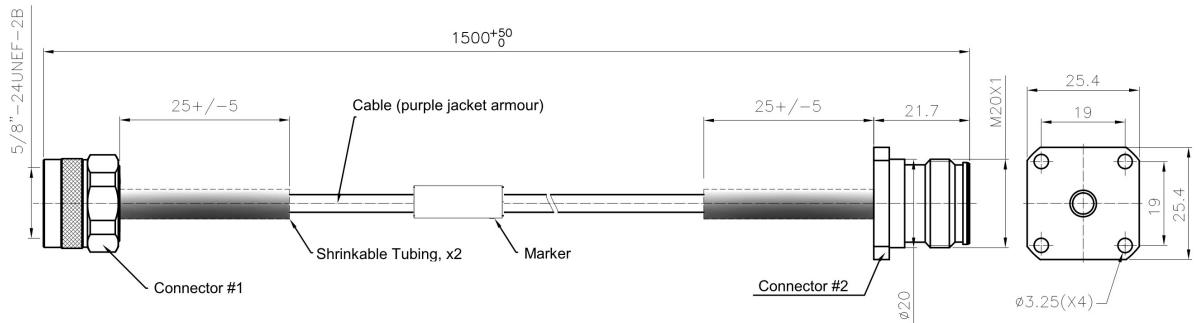


| Revision | Description | ECN No. | Date |
|----------|-----------------|---------|------------|
| A | Initial Release | N/A | 2020-02-20 |



Specifications

1. ELECTRICAL

- 1.1 Impedance: 50Ω
- 1.2 Frequency Range: DC-6GHz
- 1.3 Dielectric Withstanding Voltage: 1000V
- 1.4 Insulation Resistance: 5000MΩ
- 1.5 Insertion Loss: 2.2dB@6GHz max.
- 1.6 VSWR: 1.25:1@6GHz max
- 1.7 PIM: -165dBc max, tested at 1805-1880MHz frequency

2. MECHANICAL

- 2.1 Min. Bending Radius: 50mm
- 2.2 Durability: 500 cycles min.

3. MATERIAL

- 3.1 Cable: IME02, Flexible Cable with Armor Φ 10mm
 - 3.2 Connector #1: N Male
 - 3.2.1 Contact: Brass, Silver
 - 3.2.2 Insulator: PTFE
 - 3.2.3 Body: Brass, CuSnZn
 - 3.2.4 Coupling Nut: Brass, CuSnZn
 - 3.3 Connector #2: 4.3-10 Female
 - 3.3.1 Contact: Phosphor copper, Silver
 - 3.3.2 Insulator: PTFE
 - 3.3.3 Body: Brass, CuSnZn
 - 3.4 Shrinkable Tubing: Black, EVA, Φ 12.7mm
 - 3.5 Marker: White, EVA, Φ 12.7mm
- Content:
 Line 1: IME02-07-2G-1.5M/VA3
 Line 2: MICABLE YYMMXXXX (XXXX: Serial Number)

4. ENVIRONMENTAL

- 4.1 2011/65/EU RoHS: Compliant
- 4.2 Temperature Range: -40°C +85°C

CUSTOMER OUTLINE DRAWING

UNLESS OTHERWISE SPECIFIED,
 DIMENSIONS ARE IN MILLIMETERS,
 AND TOLERANCES ARE:
 DECIMALS: LENGTH:
 X: ± 0.2 L: 1M: 0/+5mm
 X.X: ± 0.1 L: $\geq 1M$: 0/+1%
 X.XX: ± 0.05

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 OR TRANSFERRED TO OTHER DOCUMENTS OR
 DISCLOSED TO OTHERS OR USED FOR ANY
 PURPOSE OTHER THAN THAT WHICH IT WAS
 OBTAINED WITHOUT THE EXPRESSED WRITTEN
 CONSENT OF MICABLE



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|------------|------------------|
| DRAWN: CZB | DATE: 2020-02-20 |
| REVIEWED: | DATE: |
| APPROVED: | DATE: |
| REFERENCE: | |
| FILE PATH: | |

DESCRIPTION: IME02 CABLE ASSEMBLY, N MALE
 TO 4.3-10 FEMALE, 50 OHMS
 DWG. NO.
 IME02-07-2G-1.5M/VA3

SCALE: NTS SHEET 1 OF 1