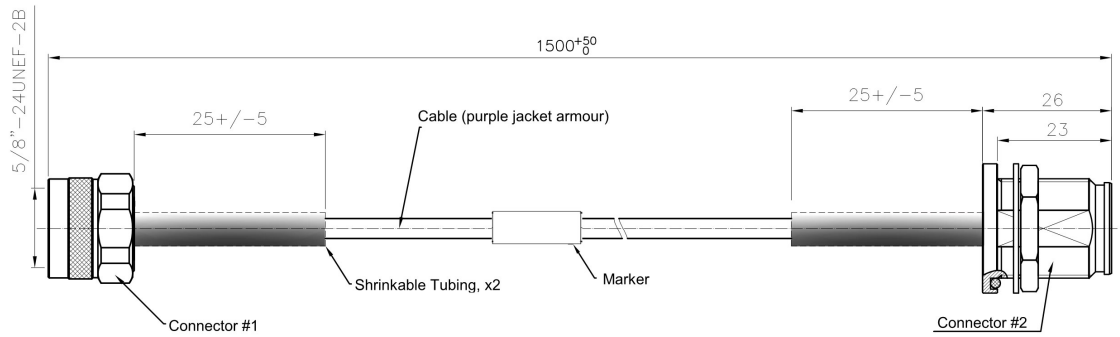
Revision	Description	ECN No.	Date
A	Initial Release	N/A	2020-02-20



Specifications

1. ELECTRICAL
1.1 Impedence: 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 Φ10mm
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, Φ12.7mm
3.5 Marker: White, EVA, Φ12.7mm
  Content:
    Line 1: IME02-07-2Y-1.5M/VA3
    Line 2: MICABLE YYMMXXXX (XXXX: Serial Number)

4. ENVIRONMENTAL
4.1 2011/65/EU RoHS: Compliant
4.2 Temperature Range: -40℃~+85℃

CUSTOMER OUTLINE DRAWING

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

PROPRIETARY NOTE
THIS DOCUMENT CONTAINS INFORMATION CONFIDENTIAL AND PROPRIETARY TO MICABLE AND SHALL NOT BE REPRODUCED 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

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. IME02-07-2Y-1.5M/VA3
SCALE: NTS
SHEET 1 OF 1