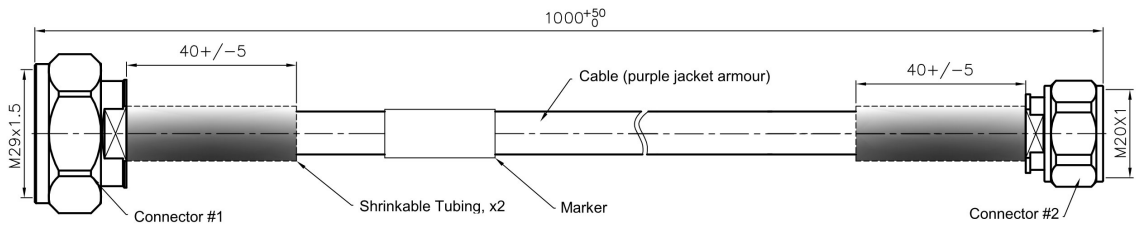


Revision	Description	ECN No.	Date
A	Initial Release	N/A	2019-11-18



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: 1.5dB@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: L29 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 Male
 - 3.3.1 Contact: Brass, Silver
 - 3.3.2 Insulator: PTFE
 - 3.3.3 Body: Brass, CuSnZn
 - 3.3.4 Coupling Nut: Brass, CuSnZn
- 3.4 Shrinkable Tubing: Black, EVA, Φ 12.7mm
- 3.5 Marker: White, EVA, Φ 12.7mm

Content:

- Line 1: IME02-49-1H-1M/VA3
- Line 2: MICABLE YYMMXXXX (XXXX: Serial Number)

4. ENVIRONMENTAL

- 4.1 2011/65/EU RoHS: Compliant
- 4.2 Temperature Range: -40°C to +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
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PURPOSE OTHER THAN THAT WHICH IT WAS
OBTAINED WITHOUT THE EXPRESSED WRITTEN
CONSENT OF MICABLE



DRAWN: CZB	DATE: 2019-11-18	DESCRIPTION: IME02 CABLE ASSEMBLY, L29 MALE TO 4.3-10 MALE, 50 OHMS DWG. NO. IME02-49-1H-1M/VA3
REVIEWED:	DATE:	
APPROVED:	DATE:	
REFERENCE:		
FILE PATH:		SCALE: NTS
		SHEET 1 OF 1