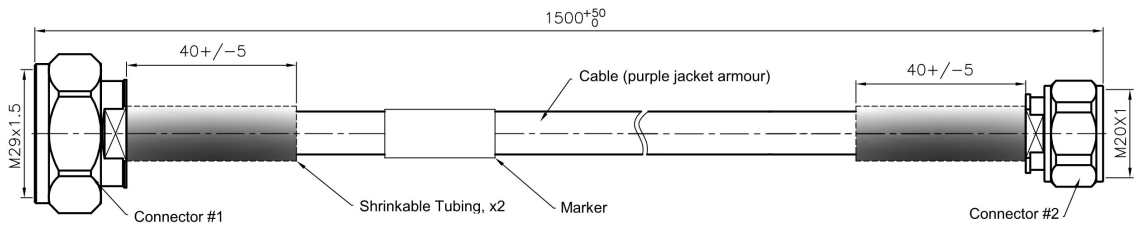


Revision	Description	ECN No.	Date
A	Initial Release	N/A	2020-02-20



### 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: 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, Φ12.7mm
- 3.5 Marker: White, EVA, Φ12.7mm

#### Content:

- Line 1: IME02-49-1H-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≥1M: 0/+1%  
X.XX: ±0.05

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PURPOSE OTHER THAN THAT WHICH IT WAS  
OBTAINED WITHOUT THE EXPRESSED WRITTEN  
CONSENT OF MICABLE



DRAWN: CZB	DATE: 2020-02-20	DESCRIPTION: IME02 CABLE ASSEMBLY, L29 MALE TO 4.3-10 MALE, 50 OHMS <b>IME02-49-1H-1.5M/VA3</b>
REVIEWED:	DATE:	
APPROVED:	DATE:	
REFERENCE:		
FILE PATH:		SCALE: NTS SHEET 1 OF 1