

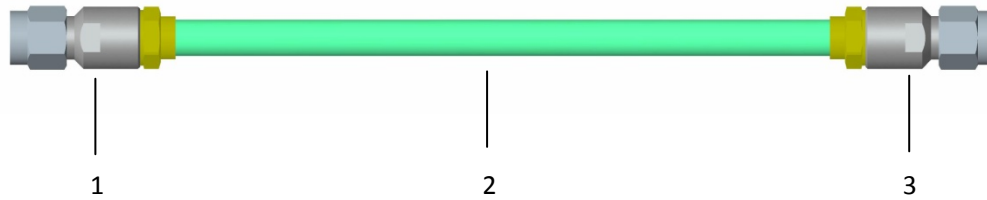
## CAC Technology® Data Sheet

### RF Coaxial Cable Assembly P/N: L47P3-SMM0SMM0-XXX

#### Description

L47P3-SMM0SMM0-XXX

SMA straight male to SMA straight male flexible cable, high performance testing microwave cable assembly.



(Labels and shrinking tubes could be customized according to customer's request.)

#### The Parts

|                 |                 |                |      |
|-----------------|-----------------|----------------|------|
| The Connector1: | ①P/N: SSMMH4700 | SMA male       |      |
| The Cable:      | ②P/N: 47P3_FEP  | flexible cable | LZSH |
| The Connector2: | ③P/N: SSMMH4700 | SMA male       |      |

#### Electrical Data

|                          |        |                         |                  |          |
|--------------------------|--------|-------------------------|------------------|----------|
| Impedance                | 50 ohm | VSWR                    | 1.25Max          | Dc~18GHz |
| Max. operating frequency | 18 GHz | Shielding effectiveness | > 90 dB (@1 GHz) |          |
| Max. operating voltage   | 3000V  |                         |                  |          |

#### Mechanical Data

|                     |   |
|---------------------|---|
| Weight              | 90g for 1m cable assembly, 52g increase for 1m cable increase |
| Min. bending radius | See also in DATA SHEET of P/N: 47P3_FEP                       |

#### Environmental Data

|                   |                   |
|-------------------|-------------------|
| Temperature range | -55 °C ~ + 125 °C |
| 2011/65/EU (RoHS) | compliant         |

#### Attenuation & CW Power

See also in DATA SHEET of P/N: 47P3\_FEP and P/N: SSMMH4700.

| Version | Drawn/Date      | Check/Date      |
|---------|-----------------|-----------------|
| 02      | Rudy 2014.12.18 | Mark 2014.12.19 |



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