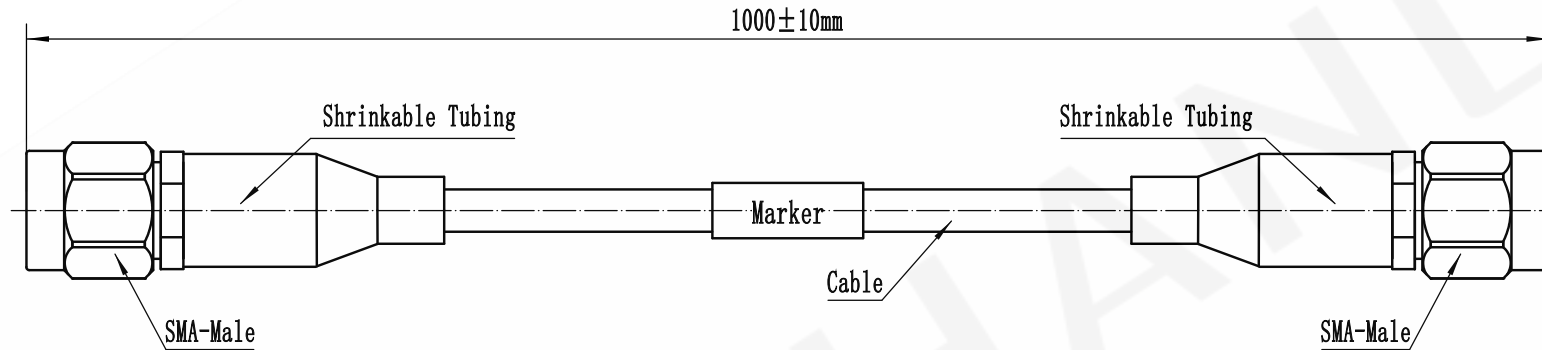




#### ELECTRICAL SPECIFICATIONS:

1. Impedance:  $50\Omega$ ;
2. Frequency: DC~26.5GHz;
3. VSWR:  $\leq 1.35$  (max) ;  
VSWR: 1.25 (typical) ;
4. Insertion Loss (typical) : 4.11dB;
5. Phase Stability (typical) :  $\pm 7^\circ$ @26.5GHz;
6. Amplitude Stability (typical) :  $\pm 0.06\text{dB}$ @26.5GHz;
7. Velocity of Propagation: 81%;
8. Shielding Effectiveness:  $>100\text{dB}$ .

#### NOTE:

1. All dimensions are in mm, all angles are in degrees.

#### MECHANICAL SPECIFICATIONS:

1. Bending Life of Cable (typical) : 2000;
2. Outer Diameter of Cable: 2.4mm;
3. Repeated Bend Radius: 24mm.

#### ENVIRONMENTAL SPECIFICATIONS:

1. RoHS & REACH: Compliant;
2. Temperature Range:  $-55^\circ\text{C} \sim +165^\circ\text{C}$ .

|                                                                                                                |  |                    |                                                                                             |               |
|----------------------------------------------------------------------------------------------------------------|--|--------------------|---------------------------------------------------------------------------------------------|---------------|
| TITLE<br>SMA Male to SMA Male<br>High-Performance RF Test & Measurement Cable Assembly<br>– Use CFT240H26 Coax |  |                    | PART NO.                                                                                    | TCC35-SMSM-1M |
|                                                                                                                |  |                    | DWG. NO.                                                                                    | W25043014     |
|                                                                                                                |  |                    | DATE                                                                                        | ---           |
| TOLERANCES UNLESS OTHERWISE SPECIFIED<br>X $\pm 0.50$ .XX $\pm 0.10$<br>.X $\pm 0.20$ ANGLES $\pm 1^\circ$     |  |                    | Mechanc (Shanghai) Information Technology Co., Ltd.<br>www.mechanc.com<br>sales@mechanc.com |               |
| SCALE<br>2:1                                                                                                   |  | VIEW DIRECTION<br> |                                                                                             |               |
| SHEET: 1/1                                                                                                     |  | REV.               | V1.0                                                                                        |               |