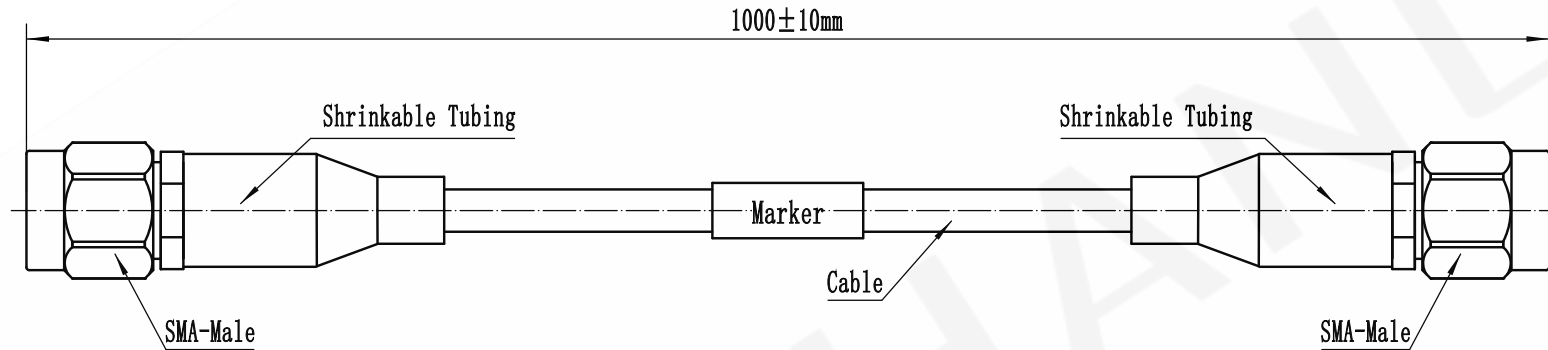




ELECTRICAL SPECIFICATIONS:

1. Impedance: 50Ω ;
2. Frequency: DC~18GHz;
3. VSWR: ≤ 1.25 (max) ;
VSWR: 1.15 (typical) ;
4. Insertion Loss (typical) : 3.12dB;
5. Phase Stability (typical) : $\pm 6^\circ$ @18GHz;
6. Amplitude Stability (typical) : $\pm 0.06\text{dB}$ @18GHz;
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 SMA Male to SMA Male High-Performance RF Test & Measurement Cable Assembly – Use CFT240H18 Coax			PART NO.	TCDN-SMSM-1M
			DWG. NO.	W25043020
			DATE	---
TOLERANCES UNLESS OTHERWISE SPECIFIED X ± 0.50 .XX ± 0.10 .X ± 0.20 ANGLES $\pm 1^\circ$			Mechanc (Shanghai) Information Technology Co., Ltd. www.mechanc.com sales@mechanc.com	
SCALE 2:1		VIEW DIRECTION 		
SHEET: 1/1		REV.	V1.0	