



ELECTRICAL SPECIFICATIONS:

1. Impedance: $50\ \Omega$;
2. Frequency: DC~6GHz;
3. VSWR: ≤ 1.25 (max) ;
VSWR: 1.15 (typical) ;
4. Insertion Loss (typical) : 0.60dB;
5. Phase Stability (typical) : $\pm 3^\circ$ @6GHz;
6. Amplitude Stability (typical) : ± 0.05 dB@6GHz;
7. Velocity of Propagation: 82%;
8. Shielding Effectiveness: >100 dB.

NOTE:

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

MECHANICAL SPECIFICATIONS:

1. Bending Life of Cable (typical) : 20000;
2. Outer Diameter of Cable: 7.8mm;
3. Repeated Bend Radius: 80mm.

ENVIRONMENTAL SPECIFICATIONS:

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

TITLE		PART NO.	TCAS-SMSM-1M
SMA Male to SMA Male High-Performance RF Test & Measurement Cable Assembly – Use CFT780MH6 Coax		DWG. NO.	W25043021
		DATE	---
TOLERANCES UNLESS OTHERWISE SPECIFIED X ± 0.50 .XX ± 0.10 .X ± 0.20 ANGLES $\pm 1^\circ$		Mechanc (Shanghai) Information Technology Co., Ltd.	
SCALE	VIEW DIRECTION	www.mechanc.com sales@mechanc.com	
1:1		REV.	V1.0
SHEET: 1/1			