



ELECTRICAL SPECIFICATIONS:

1. Impedance: 50Ω ;
2. Frequency: DC~18GHz;
3. VSWR: ≤ 1.3 (max) ;
VSWR: 1.2 (typical) ;
4. Insertion Loss (typical) : 1.48dB;
5. Phase Stability (typical) : $\pm 5^\circ$ @18GHz;
6. Amplitude Stability (typical) : $\pm 0.05\text{dB}$ @18GHz;
7. Velocity of Propagation: 82%;
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) : 50000;
2. Outer Diameter of Cable: 5.1mm;
3. Repeated Bend Radius: 51mm.

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 CFT500MWH18 Coax			PART NO.	TCBN-SMSM-1M
			DWG. NO.	W25043018
			DATE	---
TOLERANCES UNLESS OTHERWISE SPECIFIED X ± 0.50 .XX ± 0.10 .X ± 0.20 ANGLES $\pm 1^\circ$		SCALE 1:1	VIEW DIRECTION 	
SHEET: 1/1		REV.		
		V1.0		

Mechanc (Shanghai) Information Technology Co., Ltd.
www.mechanc.com
sales@mechanc.com