



ELECTRICAL SPECIFICATIONS:

1. Impedance: $50\ \Omega$;
2. Frequency: DC~6GHz;
3. VSWR: ≤ 1.25 (max) ;
VSWR: 1.15 (typical) ;
4. Insertion Loss (typical) : 0.88dB;
5. Phase Stability (typical) : $\pm 3^\circ$ @6GHz;
6. Amplitude Stability (typical) : $\pm 0.05\text{dB}$ @6GHz;
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		PART NO.	TCBS-SMSM-1M
SMA Male to SMA Male High-Performance RF Test & Measurement Cable Assembly – Use CFT500MWH6 Coax		DWG. NO.	W25043023
		DATE	---
TOLERANCES UNLESS OTHERWISE SPECIFIED X ± 0.50 .XX ± 0.10 .X ± 0.20 ANGLES $\pm 1^\circ$		SCALE	VIEW DIRECTION
		1:1	
SHEET: 1/1		REV.	V1.0
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