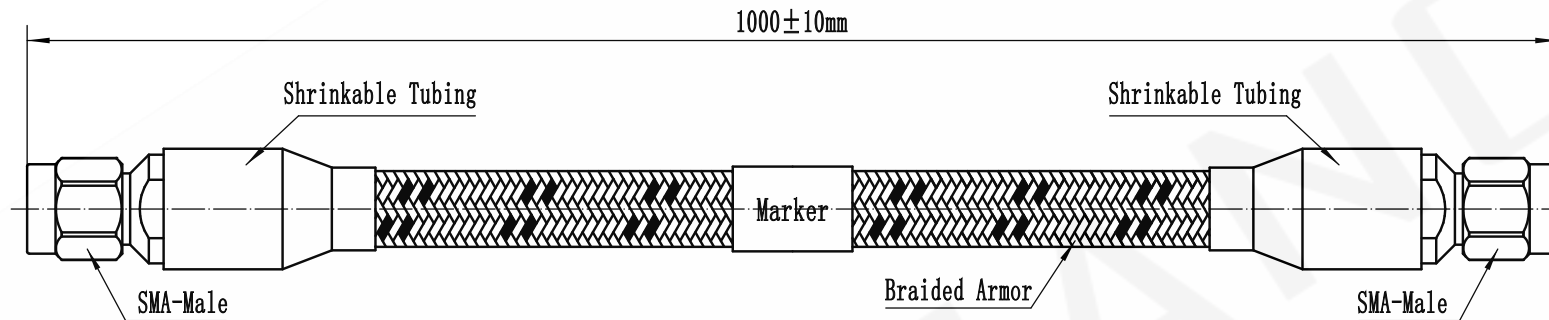




ELECTRICAL SPECIFICATIONS:

1. Impedance: 50Ω ;
2. Frequency: DC~6GHz;
3. VSWR: ≤ 1.2 (max) ;
VSWR: 1.15 (typical) ;
4. Insertion Loss (typical) : 0.85dB;
5. Phase Stability (typical) : $\pm 2.5^\circ$ @6GHz;
6. Amplitude Stability (typical) : ± 0.03 dB@6GHz;
7. Velocity of Propagation: 82%;
8. Shielding Effectiveness: >100dB.

NOTE:

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

MECHANICAL SPECIFICATIONS:

1. Bending Life of Cable (typical) : 80000;
2. Crush Resistance: 45 kgf/cm;
3. Outer Diameter of Braided Armor: 8.3mm;
4. Repeated Bend Radius: 83mm.

ENVIRONMENTAL SPECIFICATIONS:

1. RoHS & REACH: Compliant;
2. Temperature Range: $-55^\circ\text{C} \sim +125^\circ\text{C}$.

TITLE SMA Male to SMA Male Phase Stable Precision Test RF Cable Assembly – Use CFT500MWP6 Coax			PART NO.	PCBS-AP-SMSM-1M
			DWG. NO.	W25042918
			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 1.5:1		VIEW DIRECTION 		
SHEET: 1/1		REV.	V1.0	