



### ELECTRICAL SPECIFICATIONS:

1. Impedance: 50 Ω;
2. Frequency: DC~110GHz;
3. VSWR: ≤1.5 (max) ;  
VSWR: 1.3 (typical) ;
4. Insertion Loss (typical) : 16.96dB;
5. Phase Stability (typical) : ±10°@110GHz;
6. Amplitude Stability (typical) : ±0.1dB@110GHz;
7. Velocity of Propagation: 80%;
8. Shielding Effectiveness: >100dB.

### NOTE:

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

### MECHANICAL SPECIFICATIONS:

1. Bending Life of Cable (typical) : 3000;
2. Crush Resistance: 45 kgf/cm;
3. Outer Diameter of Braided Armor: 3.7mm;
4. Repeated Bend Radius: 37mm.

### ENVIRONMENTAL SPECIFICATIONS:

1. RoHS & REACH: Compliant;
2. Temperature Range: -55℃~+125℃.

TITLE 1.0mm Male to 1.0mm Male Phase Stable Precision Test RF Cable Assembly – Use CFT150P Coax		PART NO.	PC10-AP-1.0M1.0M-1M
		DWG. NO.	W25042901
		DATE	---
TOLERANCES UNLESS OTHERWISE SPECIFIED X ±0.50 .XX ±0.10 .X ±0.20 ANGLES ±1°		SCALE	VIEW DIRECTION
		2:1	
SHEET: 1/1		REV.	V1.0
		Mechanc (Shanghai) Information Technology Co., Ltd. www.mechanc.com sales@mechanc.com	