



ELECTRICAL SPECIFICATIONS:

1. Impedance: 50Ω ;
2. Frequency: DC~26.5GHz;
3. VSWR: ≤ 1.3 (max) ;
VSWR: 1.25 (typical) ;
4. Insertion Loss (typical) : 2.09dB;
5. Phase Stability (typical) : $\pm 4^\circ @ 26.5\text{GHz}$;
6. Amplitude Stability (typical) : $\pm 0.04\text{dB} @ 26.5\text{GHz}$;
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) : 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		PART NO.	PCA35-AP-SMSM-1M
SMA Male to SMA Male Phase Stable Precision Test RF Cable Assembly – Use CFT500MWP Coax		DWG. NO.	W25042907
		DATE	---
TOLERANCES UNLESS OTHERWISE SPECIFIED X ± 0.50 .XX ± 0.10 .X ± 0.20 ANGLES $\pm 1^\circ$		SCALE	VIEW DIRECTION
		1.5:1	
SHEET: 1/1		REV.	V1.0
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