



ELECTRICAL:

1. Impedance: $50\ \Omega$;
2. Frequency: DC~18GHz;
3. VSWR/Return Loss: ≤ 1.12 ;
4. Insertion Loss: $\leq 0.06\ \sqrt{\text{fdB}}$;
5. Insulation Resistance: $\geq 5000M\ \Omega$;
6. Dielectric Withstanding Voltage(AC): 500 Vrms;
7. Cable Type: CFS150.

ENVIRONMENTAL & MECHANICAL:

1. Temperature Range: $-55^{\circ}\text{C} \sim +155^{\circ}\text{C}$;
2. RoHS: Compliant.

MATERIAL & PLATING:

1. Contact: Beryllium Copper, Gold;
2. Insulation: PTFE;
3. Outer Conductor: Stainless steel, Passivated.

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

TITLE		PART NO.	SMA-KCFS150-1	
RF Coaxial Connector		DWG. NO.	---	
		DATE	---	
TOLERANCES UNLESS OTHERWISE SPECIFIED		Mechanc (Shanghai) Information Technology Co., Ltd. www.mechanc.com sales@mechanc.com		
X ± 0.50 XX ± 0.10 X ± 0.20 ANGLES $\pm 1^{\circ}$	SCALE			6:1
SHEET: 1/1				VIEW DIRECTION
		REV.	V1.0	