



ELECTRICAL SPECIFICATIONS:

1. Impedance: 50Ω ;
2. Frequency: DC~6GHz;
3. VSWR: ≤ 1.25 (max) ;
VSWR: 1.15 (typical) ;
4. Insertion Loss (typical) : 0.51dB;
5. Phase Stability (typical) : $\pm 2^\circ$ @6GHz;
6. Amplitude Stability (typical) : $\pm 0.07\text{dB}$ @6GHz;
7. Velocity of Propagation: 83%;
8. Shielding Effectiveness: $>90\text{dB}$.

NOTE:

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

MECHANICAL SPECIFICATIONS:

1. Outer Diameter of Cable: 8.3mm;
2. Installation Bend Radius: 41mm;
3. Repeated Bend Radius: 83mm.

ENVIRONMENTAL SPECIFICATIONS:

1. RoHS & REACH: Compliant;
2. Temperature Range: $-55^\circ\text{C} \sim +165^\circ\text{C}$.

TITLE SMA Male to SMA Male System Interconnect Low-Loss RF Cable Assembly – Use CFS830H6 Coax			PART NO.	IFCDS-SMSM-1M
			DWG. NO.	W25042845
			DATE	---
TOLERANCES UNLESS OTHERWISE SPECIFIED X ± 0.50 .XX ± 0.10 .X ± 0.20 ANGLES $\pm 1^\circ$		SCALE 1:1	VIEW DIRECTION 	
SHEET: 1/1		REV.		
		V1.0	Mechanc (Shanghai) Information Technology Co., Ltd. www.mechanc.com sales@mechanc.com	