



### ELECTRICAL SPECIFICATIONS:

1. Impedance: 50 Ω;
2. Frequency: DC~18GHz;
3. VSWR: ≤1.3 (max) ;  
VSWR: 1.2 (typical) ;
4. Insertion Loss (typical) : 0.86dB;
5. Phase Stability (typical) : ±3°@18GHz;
6. Amplitude Stability (typical) : ±0.1dB@18GHz;
7. Velocity of Propagation: 83%;
8. Shielding Effectiveness: >90dB.

### 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℃~+165℃.

TITLE SMA Male to SMA Male System Interconnect Low-Loss RF Cable Assembly – Use CFS830H Coax		PART NO.	IFCAN-SMSM-1M
		DWG. NO.	W25042822
		DATE	---
TOLERANCES UNLESS OTHERWISE SPECIFIED X ±0.50 .XX ±0.10 .X ±0.20 ANGLES ±1°		SCALE	VIEW DIRECTION
		1:1	
SHEET: 1/1		REV.	V1.0

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