



### ELECTRICAL SPECIFICATIONS:

1. Impedance:  $50\ \Omega$ ;
2. Frequency: DC~6GHz;
3. VSWR:  $\leq 1.25$  (max) ;  
VSWR: 1.2 (typical) ;
4. Insertion Loss (typical) : 2.98dB;
5. Phase Stability (typical) :  $\pm 2.5^\circ @ 6\text{GHz}$ ;
6. Amplitude Stability (typical) :  $\pm 0.07\text{dB} @ 6\text{GHz}$ ;
7. Velocity of Propagation: 75%;
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: 1.5mm;
2. Installation Bend Radius: 8mm;
3. Repeated Bend Radius: 15mm.

### ENVIRONMENTAL SPECIFICATIONS:

1. RoHS & REACH: Compliant;
2. Temperature Range:  $-55^\circ\text{C} \sim +125^\circ\text{C}$ .

TITLE		PART NO.	IFCON-SMSM-1M
SMA Male to SMA Male System Interconnect Low-Loss RF Cable Assembly – Use CFS150H6 Coax		DWG. NO.	W25042863
		DATE	---
TOLERANCES UNLESS OTHERWISE SPECIFIED X $\pm 0.50$ .XX $\pm 0.10$ .X $\pm 0.20$ ANGLES $\pm 1^\circ$		SCALE	VIEW DIRECTION
		2:1	
SHEET: 1/1		REV.	V1.0
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