



#### ELECTRICAL SPECIFICATIONS:

1. Impedance:  $50\Omega$ ;
2. Frequency: DC~6GHz;
3. VSWR:  $\leq 1.25$  (max) ;  
VSWR: 1.15 (typical) ;
4. Insertion Loss (typical) : 0.74dB;
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: 5.2mm;
2. Installation Bend Radius: 26mm;
3. Repeated Bend Radius: 52mm.

#### ENVIRONMENTAL SPECIFICATIONS:

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

|                                                                                                            |  |              |                                                                                             |               |
|------------------------------------------------------------------------------------------------------------|--|--------------|---------------------------------------------------------------------------------------------|---------------|
| TITLE<br>SMA Male to SMA Male<br>System Interconnect Low-Loss RF Cable Assembly<br>– Use CFS520H6 Coax     |  |              | PART NO.                                                                                    | IFCJN-SMSM-1M |
|                                                                                                            |  |              | DWG. NO.                                                                                    | W25042857     |
|                                                                                                            |  |              | DATE                                                                                        | ---           |
| TOLERANCES UNLESS OTHERWISE SPECIFIED<br>X $\pm 0.50$ .XX $\pm 0.10$<br>.X $\pm 0.20$ ANGLES $\pm 1^\circ$ |  | SCALE<br>1:1 | VIEW DIRECTION<br>                                                                          |               |
| SHEET: 1/1                                                                                                 |  | REV.         |                                                                                             |               |
|                                                                                                            |  | V1.0         | Mechanc (Shanghai) Information Technology Co., Ltd.<br>www.mechanc.com<br>sales@mechanc.com |               |