



### ELECTRICAL SPECIFICATIONS:

1. Impedance:  $50 \Omega$ ;
2. Frequency: DC~32GHz;
3. VSWR:  $\leq 1.35$  (max) ;  
VSWR: 1.3 (typical) ;
4. Insertion Loss (typical) : 1.85dB;
5. Phase Stability (typical) :  $\pm 4^\circ @ 32\text{GHz}$ ;
6. Amplitude Stability (typical) :  $\pm 0.1\text{dB} @ 32\text{GHz}$ ;
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: 4.8mm;
2. Installation Bend Radius: 24mm;
3. Repeated Bend Radius: 48mm.

### ENVIRONMENTAL SPECIFICATIONS:

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

TITLE 3.5mm Male to 3.5mm Male System Interconnect Low-Loss RF Cable Assembly – Use CFS480UH Coax		PART NO.	IFCA35-3.5M3.5M-1M
		DWG. NO.	W25042814
		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

Mechanc (Shanghai) Information Technology Co., Ltd.  
 www.mechanc.com  
 sales@mechanc.com