



### ELECTRICAL SPECIFICATIONS:

1. Impedance:  $50\ \Omega$ ;
2. Frequency: DC~18GHz;
3. VSWR:  $\leq 1.3$  (max) ;  
VSWR: 1.25 (typical) ;
4. Insertion Loss (typical) : 1.53dB;
5. Phase Stability (typical) :  $\pm 5^\circ @ 18\text{GHz}$ ;
6. Amplitude Stability (typical) :  $\pm 0.05\text{dB} @ 18\text{GHz}$ ;
7. Velocity of Propagation: 82%;
8. Shielding Effectiveness:  $> 100\text{dB}$ .

### NOTE:

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

### MECHANICAL SPECIFICATIONS:

1. Bending Life of Cable (typical) : 50000;
2. Outer Diameter of Cable: 5.1mm;
3. Repeated Bend Radius: 51mm.

### ENVIRONMENTAL SPECIFICATIONS:

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

TITLE		PART NO.	TCBN-NMNM-1M
N Male to N Male High-Performance RF Test & Measurement Cable Assembly – Use CFT500MWH18 Coax		DWG. NO.	W25043017
		DATE	---
TOLERANCES UNLESS OTHERWISE SPECIFIED X $\pm 0.50$ .XX $\pm 0.10$ .X $\pm 0.20$ ANGLES $\pm 1^\circ$		SCALE	VIEW DIRECTION
		1:1	
SHEET: 1/1		REV.	V1.0
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