

Electrical performance	Reversion	Engineering Change Description	Date	Owner
	A/0	NEW	2019. 12. 20	ZXM

Characteristic impedance	50 Ω
Frequency range	DC to 8 GHz
Standing wave ratio (VSWR)	≤ 1.2 (DC~86)
withstand voltage	≤ 0.2 dB@6G
working voltage	500 V rms
Test voltage	1500 V rms
Insulation resistance	$\geq 5000 M\Omega$
Center pin contact resistance	SMA $\leq 3 m\Omega$, TNC $\leq 10 m\Omega$
Conductor contact resistance	$\leq 2.5 m\Omega$
Center conductor retention force	$\geq 0.56 N$
Intermodulation 3rd order	N/A
Coupling test torque	

Mechanical and environment	
temperature range	-40~+155℃
Salt spray test time	48H
Airtight	N/A
durability	≥500 cycles

Materials		
Connector parts	Material	Plating
Center contact	bronze	Au
Outer contact	brass	CuSnZn
Dielectric	PTFE	

CAD GENERATED DRAWING, DO NOT MANUALLY UPDATE	STANDARD TOLERANCES (Unless stated otherwise)		Product design	
	Positional tolerance		Design	

**戴盛通信**

Any statements in this article shall not be interpreted as suggesting infringement of existing patents. Individual values may vary depending on factors including but not limited to application, design, cable type, assembly, and others workmanship									
Geometric tolerances	X	.X	Drawn			Dashing Com-Tek Co., Ltd	TITLE:	TNC\SMA-50KKF	Drawing No. : DS3. 650. 2091
	0-6	±0.1	±0.05	Workmanship					
	6-10	±0.1	±0.05	Checked					
	10-30	±0.15	±0.10	Approvals					
	>30	±0.15	±0.10	As mension					
Scale:									

