

REVOSIONS			
REV	DESCRIPTION	DATE	
0	FIRST RELEASE	2015-6-1	

REFERENCE STANDARD IEC61169-16 IEC61169-54

1. ELECTRIC PERFORMANCE

NOMINAL IMPEDANCE(Ω) 50

FREQUENCY RANGE DC-6GHz

VSWR ≤1.05(DC-3GHz)

PIM(dBc) ≤1.1(3-6GHz)

INSERT LOSS ≤-166(2*43dBm)

INSULATION RESISTANCE(MΩ) ≤0.05(3GHz)

PROOF VOLTAGE(V) ≥5000

CONTACT RESISTANCE(mΩ) 2500

2. MECHANICAL PERFORMANCE

MATING CYCLE 500

RETENTION 0.56N (N)

≥4N (4.3/10 OUTER CONDUCTOR)

≥1.5N (4.3/10 INNER CONDUCTOR)

3. MATERIAL AND PLATING

INNER CONDUCTOR SPRING COPPER Ag5μm

OUTER CONDUCTOR SPRING COPPER Ag5μm

BODY BRASS COPPER TIN-ZINC2μm

INSULATOR PTFE

4. ENVIRONMENT

TEMP.RANGE -40℃~+85℃

WEATHER STANDARD IEC 60068 40 /085/21

THERMAL SHOCK IEC 60068 -2-14-Na

VIBRATION IEC 60068-2-6-Fc

SHOCK IEC 60068-2-27

SALTSPRAY 96HOURS

ROHS COMPLIANT

DRAWN	TITLE			Amphenol	
WUYUNYA	4.3/10F-NF			AMPHENOL FUYANG CO.,LTD CHANGZHOU, CHINA	
CHECKED				DRAWING NO.	VER
QIANBO				AFS-CZ135-7	0
APPROVED	SHEET	SCALE	METRIC	PART NO.	
XUYIMING	1/1	2/1	mm	AFCZ135-7	
				REV	0