



MPN	Cable length (m)	Insertion loss (dB)
SY12S43MWDMAW-6M	6	1.37
SY12S43MWDMAW-10M	10	2.15
SY12S43MWDMAW-15M	15	3.12
SY12S43MWDMAW-20M	20	4.09

REFERENCE STANDARD

IEC61169-4(7/16) IEC61169-54(4.3/10)

1.ELECTRIC PERFORMANCE

NOMINAL IMPEDANCE (Ω)

50

FREQUENCY RANGE

DC-3GHz

VSWR

≤1.3

PIM(2*43dBm)(dBc)

≤-159

INSERTION LOSS (dB)

≤0.1945*L+0.2(2.7GHz)

INSULATION RESISTANCE(MΩ)

≥5000

PROOF VOLTAGE (V)

1000

2.MECHANICAL PERFORMANCE

NUT TORQUE

25N·m(7/16) 5N·m(4.3/10)

TORSION(CABLE-CONNECT)

3N·m

TENSILE FORCE(CABLE-CONNECT)

350N

MINIMUM BEND RADIUS,REPEATED BEND

40mm

NUMBER OF BENDS,MINIMUM

15

CABLE LENGTH

L(m)

3.MATERIAL AND PLATING

OUTER CONDUCTOR

BRASS

Copper-tin-zinc 2 μm

INNER CONDUCTOR

SPRING COPPER

Ag 5 μm

CABLE

NFL-50-12S-PE

4.ENVIRONMENT

TEMP.RANGE

-40℃~+85℃

THERMAL SHOCK

IEC60068-2-14-Na

WATERPROOFING STANDARD

IP67

ROHS COMPLIANT

DRAWN		TITLE			
Wu Danna		SY12S43MWDMAW			
CHECKED		SHEET		DRAWING NO.	
Zhang Qing		1/1		SY12S43MWDMAW	
APPROVED		SCALE		VER	
Dai Suling				0	
		METRIC		REV	
		mm		0	
		PART NO.		SY12S43MWDMAW	