

MPN	Cable length (m)	Insertion loss (dB)
SY12SDMWDMW-6M	6	1.37
SY12SDMWDMW-10M	10	2.15
SY12SDMWDMW-15M	15	3.12
SY12SDMWDMW-20M	20	4.09

REFERENCE STANDARD

IEC61169-4

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(M Ω)	≥5000
PROOF VOLTAGE (V)	1000

2.MECHANICAL PERFORMANCE


NUT TORQUE	25N • m
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 μ m
INNER CONDUCTOR	SPRING COPPER	Ag 5 μ m
CABLE	NFL-50-12S-PE	

4.ENVIRONMENT

TEMP.RANGE	-40℃~+85℃
THERMAL SHOCK	IEC60068-2-14-Na
WATERPROOFING STANDARD	IP67
ROHS COMPLIANT	

DRAWN Wu Danna		TITLE SY12SDMWDMW					
CHECKED Zhang Qing		DRAWING NO. SY12SDMWDMW					
APPROVED Dai Suling		SHEET 1/1	SCALE	METRIC mm	PART NO. SY12SDMWDMW		