

MPN	Cable length (m)	Insertion loss (dB)
SYL12SDMWDMAW-6M	6	1.37
SYL12SDMWDMAW-10M	10	2.15
SYL12SDMWDMAW-15M	15	3.12
SYL12SDMWDMAW-20M	20	4.09

REFERENCE STANDARD

IEC61169-4

1.ELECTRIC PERFORMANCE

NOMINAL IMPEDANCE (Ω)	50
FREQUENCY RANGE	DC-3GHz
VSWR	≤1.2
PIM(2*43dBm)(dBc)	≤-165
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
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 Wu Danna		TITLE SYL12SDMWDMAW Laser soldering jumper cable			 DRAWING NO. SYL12SDMWDMAW VER 0 REV 0		
CHECKED Zhang Qing		SHEET 1/1	SCALE	METRIC mm			
APPROVED Dai Suling		PART NO. SYL12SDMWDMAW					