



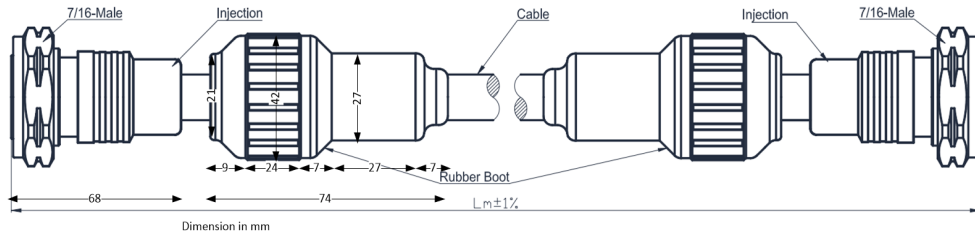
## TECHNICAL SPECIFICATION

XXQJ15111

HDJ-DM/DM-LCF1/2 Lm Outdoor Jumper

Rev:A/0

### 1. Figure



### 2. Product Description

1). Cable Type:	HRCAY-50-12(1/2" Outdoor)
2) Jumper Length:	Lm (length on request)
3). Cable :	
Inner Conductor	Copper-Clad Aluminum Wire(Diameter 4.80 mm)
Dielectric	Physical Foam Polyethylene(Diameter 12.30mm)
Outer Conductor	Corrugated Copper Tube(Diameter 13.80mm)
Jacket	Black PE (Diameter 15.70mm)
3). Connectors	
ConnectorA、 B	DIN Type Straight male
Inner Conductor Pin	Brass/Silver Plating
Body&Outer Conductor	Brass/Trimetal Plating
Insulator	PTFE
Gasket	Silicon Rubber

### 3. Electrical Characteristics

Characteristics Impedance	50 Ohm
Frequency Range	DC 0~2.7GHz
Insulation Resistance	≥5000MΩ
Voltage Between Inner And Outer Conductor	2500V rms (DC,1Min)
Log Mag @DC~3.0GHz	≤0.15*L+0.2dB
Return loss(dB) 890MHz – 960MHz	≥ 28
1710MHz – 1880MHz	≥ 28
1920MHz – 2170MHz	≥ 28
2170MHz - 2700Mhz	≥ 26
PIM3 (2x43dBm,carriers), (dBc)	<-155dBc
Insertion loss, (dB/m), connector not included	
890MHz – 960MHz	≤ 0.071
1710MHz – 1880MHz	≤ 0.1
1920MHz – 2170MHz	≤ 0.11
2170MHz - 2700Mhz	≤ 0.124

### 4. Environmental and Mechanical Specifications

Durability (matings)	≥500 cycles
Minimum bending radius, (mm)	≤ 70
UV Resistance	1000 hours
Cable Jacket	Halogen Free, compliant with IEC 60754 – 2011 or equipvalence
Mechanical Shock Test Method	MIL-STD-202, Method 213, Test Condition D
Vibration Test Method	MIL-STD-202, Meth. 204, Cond. A
Operating Temperature Range	-40°C to +85°C
Storage Temperature Range	-55°C to +85°C
RoHS	Compliant
Sealing Class	IP68

### 5. Boots and actual Pictures

