

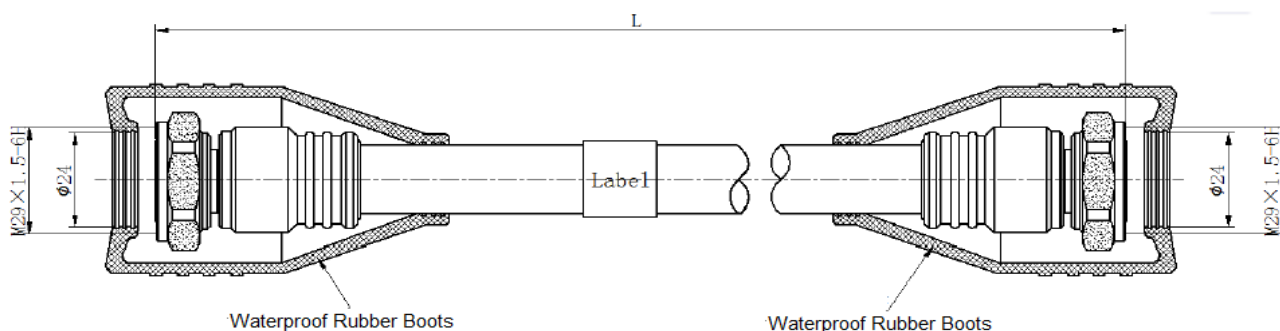
**1/2" Ultra soft jumper cable 7/16DIN connector male to 7/16DIN Male, with waterproof rubber boots.**

### Electrical specifications

Frequency Range	DC to 9GHz
VSWR	≤1.10(DC~2.2GHz)
	≤1.15(2.2~2.7GHz)
	≤1.18(2.7~3.8GHz)
Impedance	50Ω
Insertion loss	≤ 1.18/1.67/2.27 @900/1800/2600Mhz
Dielectric Strength	2500 V AC,1Min
Insulation resistance	≥ 5000 MΩ
Center contact resistance	≤0.4mΩ
Outer contact resistance	≤0.2mΩ
Connector insertion loss (dB)	≤ 0.05*√f (in GHz)
Maximum withstand capacity	16kw
Intermodulation IM3(2x43dbm)	≤-160 dBc

### Mechanical specifications

Connector specification	IEC 60169-4
Length	10.0m, tolerance ≤1%
Weight	0.23kg/m( not including the connector)
Connector type 1	7/16DIN Male straight
Connector type 2	7/16DIN Male straight
Inner conductor material	Copper Clad Aluminum Wire
Outer Conductor material	Copper Tube
Center contact of Connector	Brass
Thermal insulation material	Foam PE
Cable type	1/2" Ultra soft, 13.6±0.5mm
Cable outer jacket	PE, Halogen free IEC 60754-1:2011
Minimum bending radius	50mm (Single) / 125mm(Repeated)
Max. tensile strength	750N
Weatherproofing Material	Silicon, UV Resistance IEC-60068-2-5
Operating temperature	-45 °C to +85 °C
Salt mist	96h (IEC 60068-2-11)
Humidity	≤95%
IP grade	IP68 (IEC 60529:2001)
Safety standard	RoHS 2011/65/EU



All dimensions are in mm