

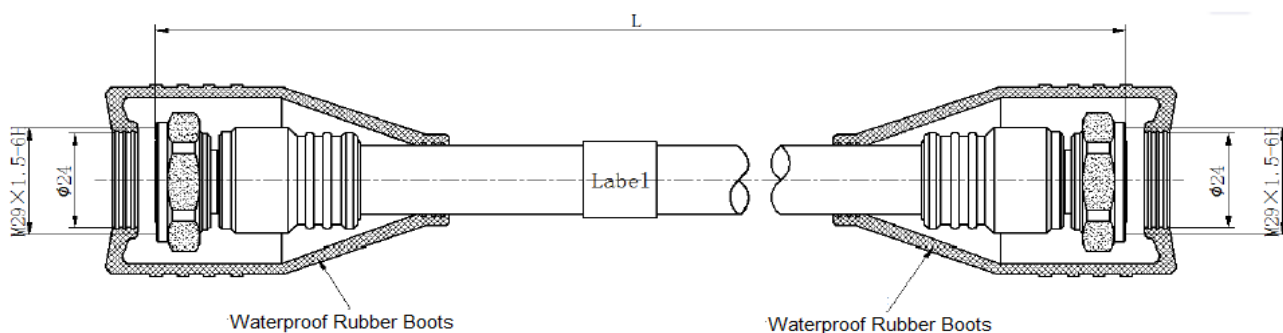
1/2" Ultra soft jumper cable 7/16DIN connector male to 7/16DIN Male, with waterproof rubber boots.

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	50 Ω
Insertion loss	$\leq 0.75/1.05/1.40$ @900/1800/2600Mhz
Dielectric Strength	2500 V AC,1Min
Insulation resistance	≥ 5000 M Ω
Center contact resistance	≤ 0.4 m Ω
Outer contact resistance	≤ 0.2 m Ω
Connector insertion loss (dB)	$\leq 0.05 \cdot \sqrt{f}$ GHz
Maximum withstand capacity	16kw
Intermodulation IM3(2x43dbm)	≤ -160 dBc

Mechanical specifications

Connector specification	IEC 60169-4
Length	6.0m, tolerance $\leq 1\%$
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 \pm 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 $^{\circ}$ C to +85 $^{\circ}$ C
Salt mist	96h (IEC 60068-2-11)
Humidity	$\leq 95\%$
IP grade	IP68 (IEC 60529:2001)
Safety standard	RoHS 2011/65/EU



All dimensions are in mm