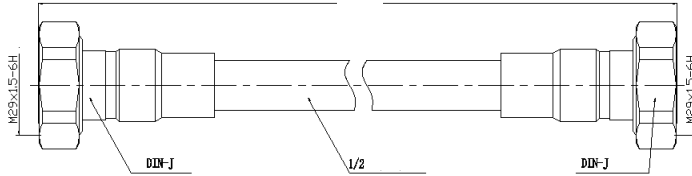


1/2" Super flexible Jumper Cable DIN-J1/2S/DIN-J1/2S



1. Product Description			
1.1 Product Overview			
<ul style="list-style-type: none"> • Wide range of applications, such as indoor distribution, broadcast, various base stations, wireless cellular, and others. • Loss insertion loss, low VSWR, perfect shielding effectiveness, and extraordinary inter-modulation performance lead to fewer energy loss and outer interference. 			
1.2 Product Style			
• Body style connector		• Straight /Straight	
• Interface A		• 7-16 DIN Male	
• Interface B		• 7-16 DIN Male	
1.3 Materials Properties			
Cable	Inner conductor	Material	Copper clad aluminum
	Dielectric	Material	Highly foamed polyethylene
	Outer conductor	Material	Spiral corrugated copper tube
	Jacket	Material	PolyEthylene (PE)
Standard		Standard IEC 60754-2011 ,Halogen Free	
Center contact		Brass, Silver plated	
Sealing	Heat shrinking tube		
1.4 Electrical Properties			
Frequency (GHz)		DC to 3GHz	
Impedance (Ω)		50	
Capacitance		82 pF/m	
Return loss (dB)	≥ 28 , 890-960MHz		
	≥ 28 , 1710-1880MHz		
	≥ 28 , 1920-2170MHz		
	≥ 26 , 2170-2700MHz		
Insertion loss (dB/m)	≤ 0.07 dB/m, 890-960 MHz		
	≤ 0.1 dB/m, 1710-1880 MHz		
	≤ 0.11 dB/m, 1920-2170 MHz		

	$\leq 0.12\text{dB/m}$, 2170-2700 MHz
VSWR	≤ 1.08 , 890-960MHz
	≤ 1.10 , 1710-1880MHz
	≤ 1.10 , 1920-2170MHz
	≤ 1.10 , 2170-2700MHz
Insulation resistance (M Ω ·km)	≥ 10000
Inner conductor DC resistant	2.97 Ω /km
Outer conductor DC resistant	6.1 Ω /km
Screening attenuation (dB)	>120
Velocity	78 %
Spark Voltage of Jacket	5 KV
Intermodulation IM3 (2x43dBm) (dBc)	< -155
1.5 Mechanical Properties	
Min single bending radius	55 mm
Min repeated bending radius	70 mm
Cable length	5m,customizable
Flat Plate Crush Strength	650 N
Bending Moment	2.5 N-m
1.6 Environmental Properties	
Weatherproofing Material	Silicone
UV Resistance	1000 hours
Operating temperature	-40 ~ +85 °C
Storage Temperature	-55 ~ +85 °C
Degree of protection	IP68
2011/65EU(ROHS)	Compliant



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