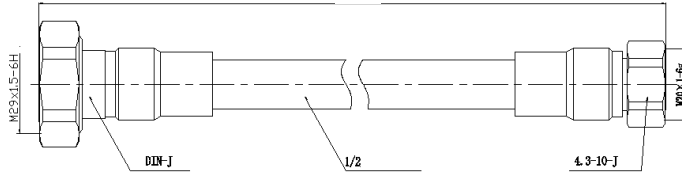


## 1/2" Super flexible Jumper Cable DIN-J1/2S/4.3-10-J1/2S



<b>1. Product Description</b>			
<b>1.1 Product Overview</b>			
<ul style="list-style-type: none"> <li>• Wide range of applications, such as indoor distribution, broadcast, various base stations, wireless cellular, and others.</li> <li>• Loss insertion loss, low VSWR, perfect shielding effectiveness, and extraordinary inter-modulation performance lead to fewer energy loss and outer interference.</li> </ul>			
<b>1.2 Product Style</b>			
• Body style connector		• Straight /Straight	
• Interface A		• 7-16 DIN Male	
• Interface B		• 4.3-10 DIN Male	
<b>1.3 Materials Properties</b>			
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		
<b>1.4 Electrical Properties</b>			
Frequency (GHz)		DC to 3GHz	
Impedance ( $\Omega$ )		50	
Capacitance		82 pF/m	
Return loss (dB)	$\geq 28$ , 890-960MHz		
	$\geq 28$ , 1710-1880MHz		
	$\geq 28$ , 1920-2170MHz		
	$\geq 26$ , 2170-2700MHz		
Insertion loss (dB/m)	$\leq 0.07$ dB/m, 890-960 MHz		
	$\leq 0.1$ dB/m, 1710-1880 MHz		
	$\leq 0.11$ dB/m, 1920-2170 MHz		

	$\leq 0.12\text{dB/m}$ , 2170-2700 MHz
VSWR	$\leq 1.08$ , 890-960MHz
	$\leq 1.10$ , 1710-1880MHz
	$\leq 1.10$ , 1920-2170MHz
	$\leq 1.10$ , 2170-2700MHz
Insulation resistance (M $\Omega$ ·km)	$\geq 10000$
Inner conductor DC resistant	2.97 $\Omega$ /km
Outer conductor DC resistant	6.1 $\Omega$ /km
Screening attenuation (dB)	>120
Velocity	78 %
Spark Voltage of Jacket	5 KV
Intermodulation IM3 (2x43dBm) (dBc)	< -155
<b>1.5 Mechanical Properties</b>	
Min single bending radius	55 mm
Min repeated bending radius	70 mm
Cable length	10m, customizable
Flat Plate Crush Strength	650 N
Bending Moment	2.5 N-m
<b>1.6 Environmental Properties</b>	
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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