

HRD080-2-SMA-4.5-12

HRD080-2-SMA-4.5-12 support single channel or multi channels high frequency for transmission by 1~2channels DC~4.5GHz RF signals, it also provide to combine with power or signals transmission, fluid mixing transmission medium. High frequency signal is used by 50Ω impedance of RF coaxial structure. for others connector can be switching, and lead wire RG178、RG316、RG174 available.

Features

- ◆ Frequency: DC4.5GHz
- ◆ Can be combine with power and signal transmission
- ◆ Low insertion loss and voltage standing wave ratio

Specifications

ROTARY JOINT PARAMETERS			SLIP RING PARAMETERS	
	CHANNEL 1	CHANNEL 2	No. of Rings	12 rings
Frequency Range	DC-4.5GHZ	DC-4.5GHZ	Rated Current	8rings 10A/ring; 4rings 3A/ring
Standing Wave Ratio	1.50:1	2.00:1	Rated Voltage	0-440VAC
Standing Wave Ratio Fluctuation	0.05	0.25	Insulation Resistance	≥1000MΩ/500VDC
Max Insertion Loss	0.50dB	1.0dB	Dielectric Strength (1-8)	1200VAC@50HZ,60s
Insertion Fluctuation	0.05dB	0.25dB	Dielectric Strength (9-12)	800VAC@50HZ,60s
Average Power	5W	5W	Dynamic Resistance	≤10mΩ
Isolation	<-40dB->		Contact Material	Precious metals
			Structure Material	Aluminium alloy
			Operating Speed	0-50rpm
			Working Temperature	-40 to 70°C
			Protection Level	IP65

Drawing for HRD080-2-SMA-4.5-12

