

HRD080-2-SMA-14.5-15

HRD080-2-SMA-14.5-15 support single channel or multi channels high frequency for transmission by 1~2channels DC~14.5GHz 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: DC14.5GHz
- ◆ 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	15 rings
Frequency range (GHZ)	14-14.5	DC-1.45	Rated Current	5A/ring
VSWR	≤1.2	≤1.25	Rated voltage	0-220VAC/VDC
VSWR WOW	≤0.05	≤0.05	Insulation Resistance	≥500MΩ/500VDC
Insertion loss	≤0.3dB	≤0.3dB	Dielectric strength	500VAC@50HZ,60s
Insertion loss WOW	≤0.05dB	≤0.1dB	Dynamic Resistance	≤10mΩ
Isolation	≥50dB		Contact material	Sliver alloy
Relative humidity	95 ± 3%		Structure material	Aluminium alloy
Material	brass		Operating speed	0-50rpm
			Working temperature	-40 to80 °C
			Protection level	IP51

Drawing for HRD080-2-SMA-14.5-15

