

HRD54-1-SMA-18-11

HRD54-1-SMA-18-11 support single channel transmission by 1 channel DC~18GHz 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: DC~18GHz
- ◆ Can be combine with power and signal transmission
- ◆ Low insertion loss and voltage standing wave ratio

Specifications

| ROTARY JOINT PARAMETERS | | SLIP RING PARAMETERS | |
|-------------------------|-------------|-----------------------|--------------------------------|
| No. Of Channel | 1 channel | No. of Rings | 11 rings |
| Frequency Range | DC to 18GHZ | Rated Current | 4rings 2A/ring; 7rings 2A/ring |
| VSWR | ≤1.4 | Rated Voltage | 0-380VAC |
| VSWR WOW | 0.05 | Insulation Resistance | ≥500MΩ/500VDC |
| Insertion Loss | ≤0.3 dB | Dielectric Strength | 500VAC@50HZ,60s |
| Insertion Loss WOW | ≤0.05dB | Dynamic Resistance | ≤70mΩ |
| Isolation | ≥50dB | Contact Material | Precious metals |
| Maximum Speed | 0-300 rpm | Structure Material | Aluminium alloy |
| Working Temperature | -40 to 80°C | Operating Speed | 0-300rpm |
| | | Working Temperature | -40 to 80°C |
| | | Protection Level | IP54 |

Drawing for HRD54-1-SMA-18-11

