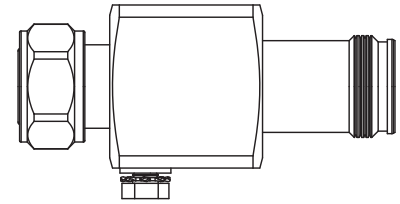


ADS-MX-43F43M-F

DC Block | 690-2700 MHz



Electrical Characteristics		
Frequency Range	690-2700 MHz	
Insertion Loss	≤ 0.15 dB	
VSWR	≤ 1.14	
Isolation	≥ 26 dB	
Insulation Resistance	≥ 10,000 mΩ	
DC Test Voltage (Inner Conductor)	800 V	
Average Power	> 500 W	
Proof Voltage	4000 V	
Nominal Impedance	50Ω	
Intermodulation (2x43 dBm)	≤ -160 dBc	
Environmental Characteristics		
Temperature Range	-40° C to +85° C (-40° F to +149° F)	
Weather Standard	IEC 60068 40 / 85 / 21	
Thermal Shock	IEC 60068-2-14-Na	
Vibration	IEC 60068-2-6-Fc	
Shock	IEC 60068-2-27	
Waterproofing Standard	IP68	
Airproof	50 kPa, 30s 0.2 kPa	
RoHS	Compliant	
Mechanical Characteristics		
Connectors	4.3/10 Female	
	4.3/10 Male	
Retention	Inner Conductor	≥ 1.5 N
	Outer Conductor	≥ 4 N
Mating Cycle	100	
Nut Torque	5 N·m	
Material Characteristics	Material	Plating
Inner Conductor	Spring Copper	Ag5μm
Outer Conductor	Brass	Copper Tin-Zinc 2μm
Nut	Brass	Copper Tin-Zinc 2μm
Insulator	PTFE	---
O-Ring	Silicon Rubber	---

Quoted performance parameters are provided to offer typical, peak or range values only and may vary as a result of normal testing, manufacturing and operational conditions. Extreme operational conditions and/or stress on structural supports is beyond our control. Such conditions may result in damage to this product. Improvements to products may be made without notice.