Data Sheet

Within Series Adaptor
33_716-50-0-1/003_-

Description

Adaptor plug/jack
7/16-precision plug (male) / 7/16-precision jack (female)

For Test & Measurement applications
Precision adaptor

Interface standard
Series 7/16-precision - SUHNER-716



Technical Data

Electrical Data

Impedance	50 Ω		
Interface frequency max.	7.5 GHz		
Frequency range	DC to 2 GHz	2 to 4 GHz	4 to 6 GHz
Return loss	≥ 40 dB	≥ 36 dB	≥ 34 dB
Electrical length	41.62 mm		

Mechanical Data

Number of matings	500
Weight	0.1263 kg

Environmental Data

Operating temperature	-65 °C to 165 °C
2011/65/EU (RoHS)	compliant

Material Data

Interface - 7/16-precision plug (male)

Piece Parts	Material	Surface Plating
Centre contact	Bronze / Brass	Silver Plating
Outer contact	Brass	Silver Plating
Body	Brass	Silver Plating
Insulator	PFA / PTFE	
Coupling nut	Brass	SUCOPLATE (R) Plating

Interface - 7/16-precision jack (female)

Piece Parts	Material	Surface Plating
Centre contact	Bronze / Brass	Silver Plating
Outer contact	Brass	Silver Plating
Body	Brass	Silver Plating
Insulator	PFA / PTFE	

Related Documents

Outline drawing	DOU-00013703

Ordering Information

Single package	33_716-50-0-1/003_-E

Waiver: It is exclusively in written agreements that we provide our customers with warrants and representations as to the technical specifications and/or the fitness for any particular purpose. The facts and figures contained herein are carefully compiled to the best of our knowledge, but they are intended for general information purposes only.