Data Sheet

HUBER+SUHNER Excellence in Connectivity Solutions

Within Series Adaptor 53_716-50-0-1/003_-

Description

L-adaptor plug/jack 7/16 plug (male) / 7/16 jack (female)

Interface standard Series 7/16 - IEC 61169-4_CECC 22190_DIN 47223_VG 95250



Technical Data

Electrical Data

 $\begin{array}{ccc} \text{Impedance} & & 50 \ \Omega \\ \text{Interface frequency max.} & & 7.5 \ \text{GHz} \\ \text{VSWR} & & \text{DC - 7.5 \ GHz} \\ \end{array}$

≤ 1.02 + 0.025 f (GHz)

Mechanical Data

Number of matings 500
Weight 0.1519 kg

Environmental Data

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

Material Data

Interface - 7/16 plug (male)

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

Interface - 7/16 jack (female)

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

Related Documents

Catalogue drawing DOU-00006892

Ordering Information

Single package 53_716-50-0-1/003_-E

HUBER+SUHNER is certified according to ISO 9001, ISO 14001, ISO/TS 16949 and IRIS

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