Data Sheet

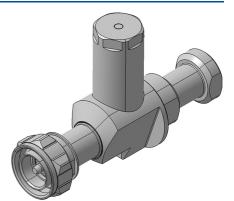
EMP Protector 3400.41.0266

Description

Quarter-wave stub technology

Benefits

Broad-band design The protector can also be installed reversely Multi-band operation Compliant to IEC 61643-21



Product Configuration

Main path connectors	Port 1: <u>unprotected</u> , 7/16 plug (male) - Port 2: <u>protected</u> , 7/16 jack (female)
Mounting and grounding	MH110 (bulkhead mounting), M8 (screw), brk (bracket)
Side of bulkhead	protected side
Technical Data	

Electrical Data			
Impedance	50 Ω		
Frequency range	690 - 2690 MHz		
Return loss	≥ 28 dB		
Insertion loss	0.1 dB typ. ≤ 0.1 dB		
RF CW power	≤ 1500 W		
PIM 3rd order	-160 dBc max.		
Surge current handling capability	100 single / 80 kA multiple kA (test pulse 8/20 μs)		
Residual pulse energy	11 μJ typically (test pulse 4 kV 1.2/50 μs / 2 kA 8/20 $\mu s)$ main path - protected side		
Mechanical Data			
Number of matings	500		
Weight	490 g		
Environmental Data			
o	-40 °C to +85 °C		
Operating temperature			
Waterproof degree	IP67 (according to IEC 60529, data refer to the coupled state)		

Material Data

Piece Parts	Material	Surface Plating
Housing	Brass	SUCOPLATE (R) Plating
Port 1 center contact	Brass	Silver Plating
Port 2 center contact	Bronze	Silver Plating

Related Documents

Outline drawing Mounting instruction DOU-00197354 DOC-0000176104

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

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