

COAXIAL ADAPTER, 7/16, 50 Ohm, Panel, jack / jack (female) / female), flange mount

37_716-50-0-1/003_-

Properties

- Wide range of different configurations
- Most common interfaces available
- Accurate transitions
- Effective and reliable interconnection solutions
- Appropriate materials



Product configuration

Interface type	Gender	Standard
7/16	jack (female)	IEC 61169-4_CECC 22190_DIN 47223_VG 95250
7/16	jack (female)	IEC 61169-4_CECC 22190_DIN 47223_VG 95250

Interface and material data

7/16		
Piece parts	Material	Plating
Centre contact	Bronze	Silver Plating
Outer conductor	Bronze	Silver Plating
Body	Brass	SUCOPLATE (R) Plating
Insulator	PFA / PTFE	
7/16		
Piece parts	Material	Plating
Centre contact	Bronze	Silver Plating
Outer conductor	Bronze	Silver Plating
Body	Brass	SUCOPLATE (R) Plating
Insulator	PFA / PTFE	

Electrical data

Impedance	50 Ω
Interface frequency	7.5 GHz
VSWR	DC - 7.5 GHz ($\leq 1.03 + 0.01 f \text{ GHz}$)

Electrical Data (frequency related)

Frequency range	Return loss	VSWR
0 GHz ... 3 GHz	36 dB	1.03

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Mechanical data	
Weight	0.1238 kg
Mating cycles	500

Environmental data	
Operation temperature	-65 °C ... 165 °C

Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
22544122	RoHS 2011/65/EU and (EU) 2015/863	Compliant with exemption	6c

Ordering Information Table		
Item number	Item description	Packaging type
22544122	37_716-50-0-1/003_-E	Single

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