

COAXIAL ADAPTER, 7/16 Quick-mate - N, 50 Ohm, jack / jack (female / female)

31_716-N-Q50-1/1-3_N

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 Quick-mate	jack (female)	HUBER+SUHNER Quick-mate
N	jack (female)	IEC 61169-16_MIL-STD-348A/304_CECC 22210

Interface and material data		
7/16 Quick-mate		
Piece parts	Material	Plating
Centre contact	Copper Beryllium Alloy	SUCOPRO Plating
Outer conductor	Bronze	SUCOPRO Plating
Body	Brass	SUCOPLATE (R) Plating
Insulator	PFA / PTFE	
N		
Piece parts	Material	Plating
Centre contact	Copper Beryllium Alloy	SUCOPRO Plating
Outer conductor	Brass	SUCOPLATE (R) Plating
Body	Brass	SUCOPLATE (R) Plating
Insulator	PFA / PTFE	

Electrical data	
Impedance	50 Ω
Interface frequency	7.5 GHz
VSWR	DC - 6 GHz ($\leq 1.02 + 0.04 f$ GHz)

Mechanical data	
Weight	0.0642 kg
Mating cycles	500

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Environmental data		
Operation temperature		-65 °C ... 165 °C
Ordering Information Table		
Item number	Item description	Packaging type
23008294	31_716-N-Q50-1/1-3_NE	Single
Additional Information		
Remarks		Durability of QUICK MATE interface: 1000 matings

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