

COAXIAL CONNECTOR, 7/16, 50 Ohm, Right angle cable plug (male)

16_716-50-9-5/033_-

Properties

- Rugged connection for COM-Applications
- For medium and high power connection
- Applicable in frequencies up to 7.5 GHz
- IEC Standardized

**Product configuration**

Interface type	Gender	Standard
7/16	plug	IEC 61169-4_CECC 22190_DIN 47223_VG 95250

Interface and material data

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

Electrical data

Impedance	50 Ω
Interface frequency	7.5 GHz

Electrical Data (frequency related)

Frequency range	Return loss	VSWR
0 GHz ... 2.5 GHz	30 dB	1.065
2.5 GHz ... 3 GHz	28 dB	1.08

Mechanical data

Weight	0.2101 kg
Mating cycles	500
Cable entry centre contact	plugged
Cable entry outer contact	clamped

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Environmental data		
Operation temperature		-40 °C ... 85°C
Ordering Information Table		
Item number	Item description	Packaging type
23007298	16_716-50-9-5/033_-E	Single
Suitable cables		
Cable group	M9 - 9 mm / 50 Ohm	
Suitable cables	SUCOFEED_1/2_HF_FR	
	SUCOFEED_1/2_HF	
Additional cables	Heliax FSJ4-50B, NK Cables RFF 1/2-50, Cellflex SCF12-50	
Additional Information		
Only as assembly	No	

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