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DATA SHEET

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

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

Properties

- Field mountable connector series Quick-fit
- 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

Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
23007298	RoHS 2011/65/EU and (EU) 2015/863	Compliant with exemption	6c
	REACH 1907/2006 Article 33 SVHC	Contains one or more SVHC >0,1%	CAS: 7439-92-1 Lead

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 Information	
Remarks	Stripping tool: 23001006 74_Z-0-9-12
Only as assembly	No

Suitable tools		
Item number	Item description	Type of tool
23001006	74_Z-0-9-15	Cable stripping tool

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