DATA SHEET

COAXIAL CONNECTOR, 7/16, 50 Ohm, Straight cable jack (female)

21_716-50-23-44/033_-

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	jack	IEC 61169-4_CECC 22190_DIN 47223_VG 95250

Interface and material data		
Piece parts	Material	Plating
Centre contact	Bronze	Silver Plating
Outer conductor	Brass	SUCOPLATE (R) Plating
Body	Brass	SUCOPLATE (R) Plating
Insulator	PFA / PTFE	
Coupling nut	Brass	SUCOPLATE (R) Plating
Gasket	EPDM (Ethylene propylene diene 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	0.193 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
84069194	RoHS 2011/65/EU and (EU) 2015/863	Compliant with exemption	6c

Ordering Information Table		
Item number	Item description	Packaging type
84069194	21_716-50-23-44/033_-E	Single

Suitable cables	
Cable group	M25 - 23 mm / 50 Ohm
	M24 - 22 mm / 50 Ohm
	M23 - 22 mm / 50 Ohm
Suitable cables	SUCOFEED_7/8_LW_LA
	SUCOFEED_7/8_LA
	SUCOFEED_7/8

Additional Information	
Remarks	Stripping tools: 85002265 74_Z-0-23-21 for 7/8" & 7/8"HF 84147229 74_Z-0-23-22 for 7/8" LA
Only as assembly	No

Suitable tools		
Item number	Item description	Type of tool
84147229	74_Z-0-23-22	Cable stripping tool
85002265	74_Z-0-23-21	Cable stripping tool
84133924	74_Z-0-23-100	

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