

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

21_716-50-32-4/033_-

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	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 ... 2.7 GHz	30 dB	1.065

Mechanical data

Weight	0.6 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
Ingress protection (IP Rating)	Mated / IP68

Ordering Information Table		
Item number	Item description	Packaging type
84116150	21_716-50-32-4/033_-E	Single

Suitable cables	
Cable group	M32 - 32 mm / 50 Ohm
Suitable cables	SUCOFEEED_1_1/4_HF
	SUCOFEEED_1_1/4_FR
	SUCOFEEED_1_1/4
Additional cables	Heliac AVA6-50, DRAKA RFA 1 1/4-50, Cellflex LCFS114-50A

Additional Information	
Remarks	Water protection according to IP 68
Only as assembly	No

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