

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

16_716-50-7-15/033_-

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	Brass	Silver Plating
Outer conductor	Brass	SUCOPLATE (R) Plating
Body	Brass	SUCOPLATE (R) Plating
Insulator	PTFE (Polytetrafluoroethylene)	
Coupling nut	Brass	SUCOPLATE (R) Plating
Gasket	VMQ (Silicone rubber)	
Crimp ferrule	Copper	SUCOPLATE (R) Plating

Electrical data

Impedance	50 Ω
Interface frequency	7.5 GHz

Electrical Data (frequency related)

Frequency range	Return loss	VSWR
0.1 GHz ... 2 GHz	30 dB	1.065
2 GHz ... 4 GHz	23.5 dB	1.143
4 GHz ... 6 GHz	15 dB	1.433

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Mechanical data	
Mating cycles	500
Cable entry centre contact	soldered
Cable entry outer contact	crimped

Environmental data	
Operation temperature	-65 °C ... 165°C
Ingress protection (IP Rating)	Mated / IP67

Ordering Information Table	
Item number	Item description
23025134	16_716-50-7-15/033_-E

Suitable cables	
Cable group	X32 - 7 mm / 50 Ohm U30 - 7 mm / 50 Ohm
Suitable cables	SPUMA_400
Additional cables	LMR-400

Additional Information	
Only as assembly	Yes

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DOCUMENT PIM-P3168 / Date of publication: 25.11.2023 / uncontrolled copy