

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

16_716-50-0-150/033_-

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 / Connector for use with SPJ/ CPU Assembly

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)	

Electrical data

Impedance	50 Ω
Interface frequency	6 GHz

Electrical Data (frequency related)

Frequency range	Return loss	VSWR
0.38 GHz ... 1 GHz	35 dB	1.036
1.7 GHz ... 2.7 GHz	32 dB	1.052
3.8 GHz ... 6 GHz	25 dB	1.119

Mechanical data

Weight	0.0778 kg
Mating cycles	500
Cable entry centre contact	plugged

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Mechanical data	
Cable entry outer contact	clamped

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

Ordering Information Table		
Item number	Item description	Packaging type
85087339	16_716-50-0-150/033_-E	Single

Suitable cables	
Cable group	Z1 - M10x1/SPJ-CPJ
	Y32 - 222 - 5mm / 50 Ohm
	Y31 - 122 - 3mm / 50 Ohm
	Y30 - 141 - 3mm / 50 Ohm
Suitable cables	SUCOFORM_141_CU_CMP
	SUCOFORM_122_LA_CU_CMP
	SUCOFORM_141_LA_CU_CMP
	SUCOFORM_222_LA_CU_CMP
Additional cables	SPJ/CPJ assemblies

Additional Information	
Remarks	Only in combination with SPJ/PCC assemblies Not valid for direct connection with the SUCOFORM_xxx(_LA)_CU_CMP cables
Only as assembly	No

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