

**COAXIAL CONNECTOR, 7/16, 50 Ohm, Straight cable plug (male)**

11\_716-50-12-50/033\_-

**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	Silver Plating
Outer conductor	Brass	SUCOPLATE (R) Plating
Body	Brass	SUCOPLATE (R) Plating
Insulator	PFA / PTFE	
Coupling nut	Brass	SUCOPLATE (R) Plating
Gasket	NR (Natural Rubber)	

Electrical data	
Impedance	50 $\Omega$
Interface frequency	7.5 GHz

Electrical Data (frequency related)		
Frequency range	Return loss	VSWR
0 GHz ... 2.7 GHz	30 dB	1.065
2.7 GHz ... 3.7 GHz	28 dB	1.08

Mechanical data	
Weight	0.143 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 (24 h of water, 1 m)

Ordering Information Table		
Item number	Item description	Packaging type
84201175	11_716-50-12-50/033_-E	Single

Suitable cables	
Cable group	M12 - 12 mm / 50 Ohm
Suitable cables	SUCOFEEED_1/2_LW
	SUCOFEEED_1/2_FR
	SUCOFEEED_1/2

Additional Information	
Remarks	Suitable for cables with copper and aluminium outer conductor.  Stripping tool: 85091563 74_Z-0-12-25 Flaring tool: 85006446 74_Z-0-12-8
Only as assembly	No

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DOCUMENT PIM-P3729 / Date of publication: 03.09.2024 / uncontrolled copy