

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

11_716-50-12-60/033_-

Properties

- Field mountable connector series Quick-fit plus
- 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	Bronze	Silver Plating
Outer conductor	Brass	SUCOPLATE (R) Plating
Body	Brass	SUCOPLATE (R) Plating
Other body part	Brass	SUCOPLATE (R) Plating
Insulator	PTFE (Polytetrafluoroethylene)	
Coupling nut	Brass	SUCOPLATE (R) Plating
Gasket	VMQ (Silicone 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	32 dB	1.052
2.7 GHz ... 3.7 GHz	30 dB	1.065

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Mechanical data	
Mating cycles	500
Cable entry centre contact	plugged
Cable entry outer contact	clamped

Environmental data	
Operation temperature	-55 °C ... 85 °C
Ingress protection (IP Rating)	Mated / IP68 (24 h of water, 1 m)

Ordering Information Table		
Item number	Item description	Packaging type
85074815	11_716-50-12-60/033_-E	Single

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

Additional Information	
Remarks	Assembly instructions: Foam-DOC-0000799919, Plenum-DOC-0000736630 / Note: Use blade unit 74_Z-0-12-21, 85068959 (colour green)
Only as assembly	No

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