DATA SHEET

COAXIAL CONNECTOR, C, 50 Ohm, Straight cable plug (male)

11_C-50-6-2/12-_N

Properties

- Suitable for use with Eacon_6C cable
- Applicable in frequencies up to 11 GHz
- Compliant with MIL-STD-348A/302 interface standard



Product configuration		
Interface type	Gender	Standard
C	plug	IEC 60169-7_MIL-STD-348A/302

Interface and material data		
Piece parts	Material	Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Outer conductor	Brass	Nickel Plating
Body	Brass	Nickel Plating
Other body part	Stainless Steel	
Insulator	PTFE (Polytetrafluoroethylene)	
Coupling nut	Brass	Nickel Plating
Gasket	VMQ (Silicone rubber)	

Electrical data	
Impedance	50 Ω
Interface frequency	11 GHz

Electrical Data (frequency related)		
Frequency range	**Return loss**	**VSWR**
0 GHz ... 6 GHz	21.7 dB	1.18
6.01 GHz ... 11 GHz	19.1 dB	1.25

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

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Environmental data	
Operation temperature	-60 °C ... 165°C
Ingress protection (IP Rating)	Mated / IP67

Ordering Information Table		
Item number	Item description	Packaging type
85077737	11_C-50-6-2/12-_NE	Single

Suitable cables	
Cable group	U96 - EACON_6C
Suitable cables	EACON_6C

Additional Information	
Only as assembly	No

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DOCUMENT PIM-P3644 / Date of publication: 25.11.2023 / uncontrolled copy