

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

11_716-50-7-31/033_-

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	Bronze	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	7.5 GHz

Electrical Data (frequency related)		
Frequency range	Return loss	VSWR
0.1 GHz ... 2 GHz	32 dB	1.052
2 GHz ... 4 GHz	28.8 dB	1.075
4 GHz ... 6 GHz	28 dB	1.083

Mechanical data	
Weight	0.08951 kg
Mating cycles	500
Cable entry centre contact	plugged

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Mechanical data	
Cable entry outer contact	crimped

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

Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
85010777	RoHS 2011/65/EU and (EU) 2015/863	Compliant with exemption	6c

Ordering Information Table		
Item number	Item description	Packaging type
85010777	11_716-50-7-31/033_-Y	Tray

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

Additional Information	
Only as assembly	No

Suitable tools		
Item number	Item description	Type of tool
22544524	76_Z-0-7-14	Crimping dies
22646290	74_Z-0-0-264	Trimming tool

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