

COAXIAL CONNECTOR, 7/16, 50 Ohm, Straight cable jack (female)

21_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	jack	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 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

Mechanical data

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)

Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
85074832	RoHS 2011/65/EU and (EU) 2015/863	Compliant with exemption	6c

Ordering Information Table		
Item number	Item description	Packaging type
85074832	21_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

Suitable tools		
Item number	Item description	Type of tool
85066880	74_Z-0-12-18	Preparing tool
85068959	74_Z-0-12-21	Cable stripping tool
85069095	74_Z-0-12-20	Cable stripping tool
85069099	74_Z-0-12-22	Cable stripping tool
85089069	74_Z-0-12-24	Cable stripping tool

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