

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

21_716-50-42-4/033_-

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	jack	IEC 61169-4_CECC 22190_DIN 47223_VG 95250

Interface and material data		
Piece parts	Material	Plating
Centre contact	Bronze / Brass	Silver Plating
Outer conductor	Brass	SUCOPLATE (R) Plating
Body	Brass	SUCOPLATE (R) Plating
Insulator	PFA / PTFE	
Gasket	EPDM (Ethylene propylene diene 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	30 dB	1.065

Mechanical data	
Weight	0.78 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)

Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
84079305	RoHS 2011/65/EU and (EU) 2015/863	Compliant with exemption	6c
	REACH 1907/2006 Article 33 SVHC	Contains one or more SVHC >0,1%	CAS: 7439-92-1 Lead

Ordering Information Table		
Item number	Item description	Packaging type
84079305	21_716-50-42-4/033_-E	Single

Suitable cables	
Cable group	M43 - 42 mm / 50 Ohm
	M42 - 42 mm / 50 Ohm
Suitable cables	SUCOFEEED_1_5/8_LA
	SUCOFEEED_1_5/8

Additional Information	
Remarks	Flaring tool: 84085074 74_Z-0-42-15 Jacket stripping tool: 23010534 74_Z-0-42-14
Only as assembly	No

Suitable tools		
Item number	Item description	Type of tool
23010534	74_Z-0-42-14	Cable stripping tool
84085074	74_Z-0-42-15	Flaring tool

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