

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

21_716-50-12-60/033_-

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	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

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	SUCOFEED_1/2_FR
	SUCOFEED_1/2_LW
	SUCOFEED_1/2_PW
	SUCOFEED_1/2

Additional Information

Remarks	Other suitable cables: RFS CELLFLEX LCF12-50J, LCF12-50JFN, ICA12-50JPLW, ICA12-50JPLLW, ICA12-50JPL / ANDREW/ COMMSCOPE LDF4-50A / 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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