

COAXIAL CONNECTOR, BMA, 50 Ohm, Straight bulkhead cable jack (female)

24_BMA-N50-3-18/11-_N

Properties

- Offers a range of floating configurations
- High reliability and ease of assembly
- Intermatable with the OSP connectors series
- Applicable in frequencies up to 18 GHz



Product configuration

Interface type	Gender	Standard
BMA	jack	IEC 60169-33_MIL-STD-348/321 fully intermateable

Interface and material data

Piece parts	Material	Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Outer conductor	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Body	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Insulator	PFA / PTFE	

Electrical data

Impedance	50 Ω
Interface frequency	18 GHz

Electrical Data (frequency related)

Frequency range	Return loss	VSWR
0 GHz ... 6 GHz	28 dB	1.08
6 GHz ... 10 GHz	22 dB	1.17
10 GHz ... 18 GHz	18 dB	1.29

Mechanical data

Weight	0.00301 kg
Mating cycles	1000
Cable entry centre contact	plugged
Cable entry outer contact	soldered

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Environmental data		
Operation temperature		-65 °C ... 125°C
Ordering Information Table		
Item number	Item description	Packaging type
85018694	24_BMA-N50-3-18/11-_NE	Single
Suitable cables		
Cable group	Y5 - 3 mm / 50 Ohm	
	Y17 - 3 mm / 50 Ohm	
	Y12 - 3 mm / 50 Ohm	
Additional Information		
Only as assembly		No

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