

# 19" 42U TEMPEST RACK

## EMI1942-TC

### Feature Highlights:

NATO SDIP 27/2 Level C and EU IASG 7-03 Level C compliant

Reliable electromagnetic attenuation from 100MHz to 10GHz

Highly customizable upon request



### Solution / Benefits:

The **EMI1942-TC** TEMPEST rack provides a high level of electromagnetic attenuation in order to allow the use of normal equipment in TEMPEST applications.

The rack is a Faraday cage with a solid metallic structure having front and back doors and regular 19-inch equipment mounting frame, optionally customized upon request with various configurations of power-line filters, ventilation honeycombs, pass-through waveguides for fiber optic cables, connection panels with different types of connectors and signal filters, castor wheels etc.

We can provide laboratory measurement for TEMPEST compliance of the rack fully equipped with the customer system configuration according to **NATO SDIP-27/2Level C** or **EUIASG7-03Level C** or we can qualify it for a requested level of electromagnetic attenuation according to the customer requirements.



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# TECHNICAL PARAMETERS

## EMI1942-TC

Brand	<b>BST pangolin®</b>	
<b>Product specifications</b>		
Product description	Static 19" 42U rack	
Interfaces	Optional	
Standard connectivity	FO	
FO passthrough waveguide	Yes	
KVM switch	Optional	
Air ventilation	Aluminum Honeycomb	
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Solid welded frame	Yes	
Front and rear doors	Yes	
External height	2135mm with wheels (1980mm without wheels)	
External depth	900mm	
External width	700mm	
Internal depth	830mm	
Internal width (wall to wall)	697mm	
Weight	200 Kg	
Static load capacity	1650 Kg	
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Operating voltage range	90V ÷ 264V	
Operating line frequency range	47Hz ÷ 63Hz	
Max. current of power supply	40A	
Uninterruptible Power Supply	Optional	
Power distribution and circuit protection	Optional	
Management systems	Optional	
Operating ambient temperature	0 ÷ 45°C	
Operating relative humidity	0 ÷ 95% (relative humidity)	
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Warranty	2 Years	
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TEMPEST (equipped with customer system)	NATO SDIP 27/2 Level C or EU IASG 7-03 Level C	
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Provided with:	<ul style="list-style-type: none"> <li>- Front door, opening protection system, fitted with key</li> <li>- Power supply filter - 60 dB filter , installed power 13 kW</li> <li>- Vertical organizers included</li> <li>- Ventilation unit with automatic control, PDU unit with 8 Shuko sockets</li> <li>- Rack grounding kit</li> <li>- Floor mounting kit</li> </ul>	
Protection Rating	IP20	
RoHS Compliant		

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