

Checklist for Inquiries of Shielding Boxes

From:

Company: _____ **Place:** _____
Name: _____ **Phone:** _____
E-Mail: _____ **Date:** _____

This checklist will help us to manufacture your equipment according to your wishes. Please complete this form with the essential specifications. Don't fill in data which are not critical for your use. This enables us to find a customized solution with reduced costs.

Basic Shielding Box Requirements:

Minimum internal dimensions of the box: <input type="text"/> mm height <input type="text"/> mm length <input type="text"/> mm width		
Quantity of shielding boxes: <input type="text"/> pieces	Frequency range: from _____ to _____	
<input type="checkbox"/> Box for 19" rack installation	Temperature range: from _____ to _____	

Multi-chamber box for 19" rack with cabinets side by side



RF Interfaces:

Quantity	Outside Connector	Inside Connector
<input type="text"/> pieces	N-female to	N-female
<input type="text"/> pieces	N-female to	SMA-female
<input type="text"/> pieces	SMA -female to	SMA-female
<input type="text"/> pieces	_____ to	_____



Supply Interfaces:

Quantity	Description	Outside Connector	Inside Connector
<input type="checkbox"/> 1x	Mains, filtered (230V AC)	IEC 320 male	<input type="checkbox"/> German CEE 7/4 female <input type="checkbox"/> British BS 1363 female <input type="checkbox"/> other ...
<input type="text"/> pieces	Pair of banana connectors filtered, 30 V DC max., <input type="checkbox"/> 5 A max., <input type="checkbox"/> 10 A max. <input type="checkbox"/> 16 A max.	2x 4 mm female	2x 4 mm female

Signal Interfaces:

Quantity	Description	Outside Connector	Inside Connector
<input type="text"/> pieces	USB 3.1, filtered	Type A female	Type A female
<input type="text"/> pieces	Gigabit LAN, filtered	RJ45 female	RJ45 female
<input type="text"/> pieces	HDMI, filtered	HDMI type A female	HDMI type A female
<input type="text"/> pieces	9-pole Sub-D unfiltered (*)	<input type="checkbox"/> female <input type="checkbox"/> male	<input type="checkbox"/> male <input type="checkbox"/> female
<input type="text"/> pieces	15-pole Sub-D unfiltered (*)	<input type="checkbox"/> female <input type="checkbox"/> male	<input type="checkbox"/> male <input type="checkbox"/> female

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Quantity	Description	Outside Connector	Inside Connector
<input type="checkbox"/> pieces	25-pole Sub-D unfiltered (*)	<input type="checkbox"/> female <input type="checkbox"/> male	<input type="checkbox"/> male <input type="checkbox"/> female
<input type="checkbox"/> pieces	37-pole Sub-D unfiltered (*)	<input type="checkbox"/> female <input type="checkbox"/> male	<input type="checkbox"/> male <input type="checkbox"/> female
<input type="checkbox"/> Sixfold fiber optic feedthrough for fiber optic with 6x 6 mm diameter max.			

(*) suitable pi-filters from 100, 470, 1000, 1700, 2500, 4000 to 5000 pF are available as accessories

Audio Interfaces:

Quantity	Description	Outside Connector	Inside Connector
<input type="checkbox"/> pieces	XLR , filtered	3-pole female	3-pole female
<input type="checkbox"/> pieces	Stereo jack, filtered, accord. CTIA	4-pole female	4-pole female

Shielding Box Equipment:

<input type="checkbox"/> Cover with built-in flexible wire mesh 190 mm x 130 mm	<input type="checkbox"/> Stylus built into the flexible wire mesh for touch panel operating	<input type="checkbox"/> Universal mobile phone attachment <input type="checkbox"/> on Velcro
<input type="checkbox"/> fan with <input type="checkbox"/> m ³ /h min. air throughput. With one honeycomb filter each for both air inlet and air outlet.		
<input type="checkbox"/> Eyes for padlock	<input type="checkbox"/> ESD lining inside with 10.5 mm thick tiles	<input type="checkbox"/> built in shelf (*)

(*) please specify the required dimensions in the comments

Interior Lining with Absorbers:

With Absorber Type:	Type:	Height:	Frequency Range:
<input type="checkbox"/> Flat laminate foam	FL-1125	29 mm	1,5 GHz - 6,5 GHz
<input type="checkbox"/> Pyramid stump foam	SFC-4-EM	87 mm	900 MHz - 10 GHz
<input type="checkbox"/> Ferrite tile	FT1701-200	6,0 mm	55 MHz - 380 MHz
<input type="checkbox"/> Ferrite tile	3610-100-40	4,0 mm	700 MHz - 1400 MHz
<input type="checkbox"/> Double layer ferrite tile	3620-270	27 mm	100 MHz - 1800 MHz



