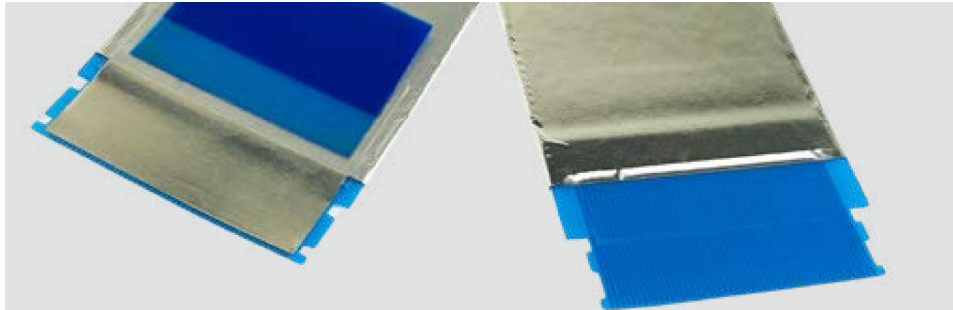


PANTA® SHIELDED ZIF JUMPER



CODICO GmbH
Zwingenstraße 6-8, 2380 Perchtoldsdorf, Austria
Telefon: +43 1 86 305-0, Fax: +43 1 86 305-5000
e-mail: office@codico.com, www.codico.com
FN 436940i, Landesgericht Wr. Neustadt

Zertifiziert nach ISO 9001:2015



PANTA® ZIF Shielded - with our shielded ZIF flexible flat cable, we have developed an solution to meet the requirements of sophisticated applications. The shielding of the cable minimises electromagnetic interference from both internal and external sources. This leads to improved signal integrity and reduced failures in demanding environments. By reducing EMI interference, the shielded ZIF flexible flat cable ensures high signal integrity. It minimises signal loss and crosstalk, resulting in more reliable data transmission. The shielded ZIF cable is characterised by high reliability. It is resistant to vibration, temperature and mechanical stress, which guarantees a long lifetime and minimises maintenance costs.

FEATURES

- Adjusted impedance of the FFC to 100 Ω
- EMC optimization by shielding in combination with a ground plate for the ground connection
- Suitable for high data rates

CHARACTERISTICS

- High vibration and bending resistance
- Unbreakable and reliable connection
- Temperature-resistant insulation materials (-40°C to +125 °C)
- Compatible with common connector types (e.g. Iriso, Hirose, TE, FCI, Molex etc.)

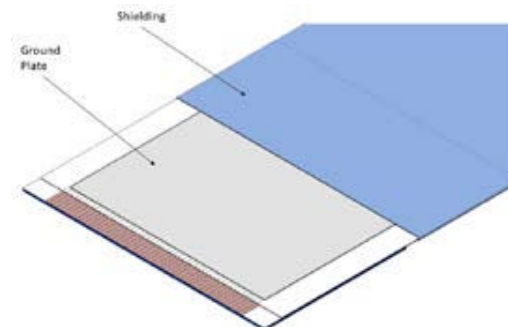
CUSTOMER BENEFITS

- Quick assembly by simple plugging => degrees of freedom
- Automated assembly
- Customized solution
- Weight reduction

EXAMPLES OF APPLICATION

- Electronic assemblies with requirements for EMC or/and high data transmission rates, e.g.

- Display connections
- Camera systems
- Smart home applications
- Roof control modules
- Control units
- Inverter



		Pitch e.g. E = 1,00 mm see pitch code	Insulation material e.g. P = Polyester E = PEN K = Polyimide	Termination Style e.g. N = identical ends NW = different
ZIF – E 10 – P 100 – N –				
		Number of pins	Insulation length from 20-500 mm Customized lengths on request	Customized designs on request, drawing required

TECHNICAL DATA

D	Order code	I	E	G	A
	Pitch (mm)	0,5	1,00	1,25	2,54
A	Number of pins (max.)	60	30	26	24
	Insulation Length (mm)	20 - 500			
E	Distance from wire center to edge of insulation (mm)	0,5	1,0	1,25	2,54
N	Length of stripped insulation (mm), nominal size	2-5	2-5		
K	Length of reinforcement (mm), nominal	6-20	6-20		
	Conductor material / Surface	Cu - ETP / Sn or Ni/Au			
G	Wire dimension (mm)	0,30 x 0,10 0,30 x 0,05 0,30 x 0,035	0,7 x 0,10 0,7 x 0,05	0,80 x 0,10	1,50 x 0,10
	Insulation	Polyester, PEN, Polyimide			
B	Reinforce insulation	Polyester (Yellow and Blue)			
W	Total width (mm)	(Number of pins + 1) x Pitch			
H	Pitch width (mm)	(Number of pins - 1) x Pitch			
	Total thickness of contact area (mm)	0,3			
	Insulation resistance (Ω) (Conductor - Conductor)	>10 ¹⁰			
	Current rating at 20°C (A)	0,5	1,0	1,5	3,0
	Voltage rating (V _{DC})	30	200	200	300
	Operation temperature (°C)	-40 up to +105 (125°C)			

Please do not hesitate to ask for our processing instructions for PANTA® ZIF Jumper.