

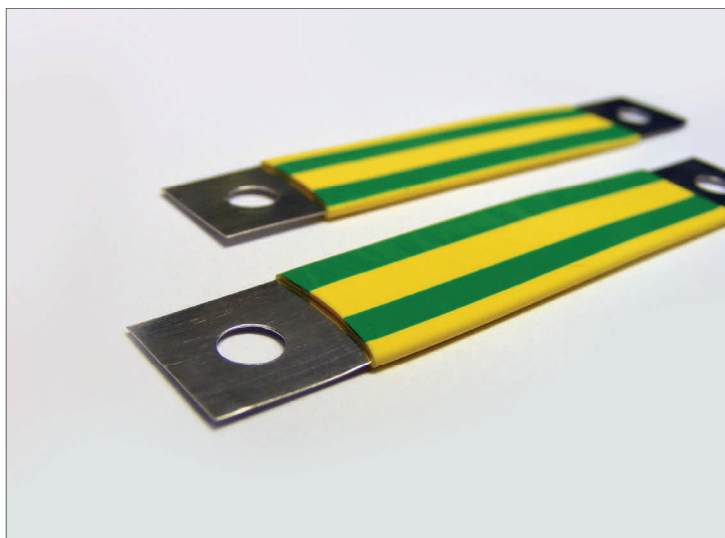
Insulated Earth Straps (IES)

Product Overview

Uvox Earth Straps are designed to provide a low impedance path for EMI-generated currents. Flexible and easy to fit, they provide a low cost means of reducing EMC problems associated with conventional earth straps.

At high frequencies the inductive resistance of round wire earth straps increases due to the 'skin effect', however, this may be significantly reduced by using Uvox Earth Straps.

The recommended width-to-thickness ratio for EMC straps is easily surpassed using Uvox Earth Straps.

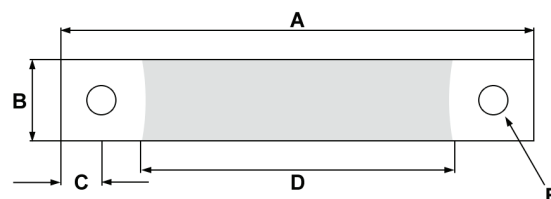


Uvox Earth Straps are completely tinned to provide corrosion resistance and are supplied with all-round sleeve insulation.

Applications

- ▶ Sub-chassis to main chassis
- ▶ Enclosure doors to main cabinet
- ▶ Enclosure panels to main cabinet or internal frame
- ▶ Sub-chassis to enclosure

Specification



Technical Specification	
Copper Thickness	0.16 mm ±0.015 mm
Tin Plating Thickness	2 to 4 µm
Insulation Dielectric Strength	20 kV/mm
Insulation Operating Temperature	-55°C to +135°C
Flammability Rating	UL224 VW-1 125°C 600V
Insulation Material	Polyolefin
Insulation Colour	Green/Yellow

Part Number	Dimensions (mm)				
	A	B	C	D (+1/-6)	E (Ø)
IES-075	75	13	6.5	49	4.75
IES-150	150	13	6.5	124	4.75
IES-300	300	13	6.5	274	4.75
IES-457	457	13	6.5	431	4.75

UVOX LTD.
14/3 Stanmore Industrial Estate
Bridgnorth
Shropshire
WV15 5HR

Tel: +44 (0) 1746 769 369
Fax: +44 (0) 1746 766 001

www.uvox.co.uk



We believe the information contained in this data sheet is accurate and representative of the product; however, it is the responsibility of the user to determine the suitability and safety of use in any application. Uvox Ltd. has a policy of continual improvement and updating of its products and services, and so reserves the right to change product specification without notice. Registered Office: Building 14/Unit 3 Stanmore Industrial Estate, Bridgnorth, Shropshire, WV15 5HR, United Kingdom. Business Registration No: 5541750.

© 2009 Uvox Limited. All rights reserved.

UVOX-TDS-IES-01