

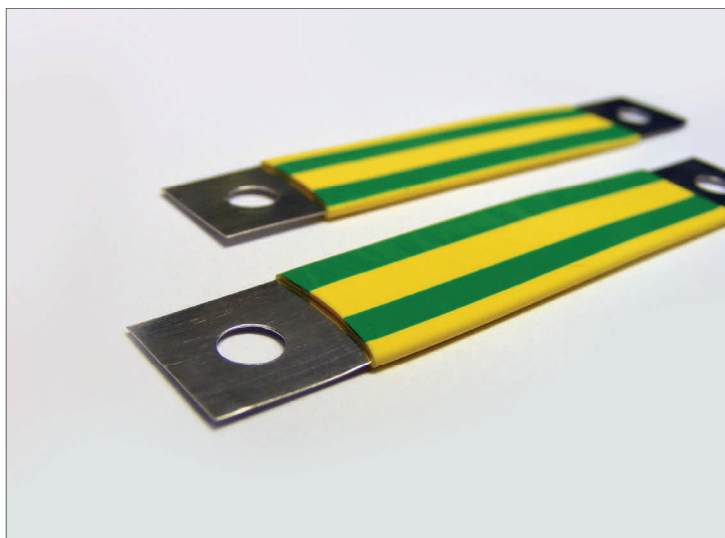
# Insulated Earth Straps (IES)

## 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.

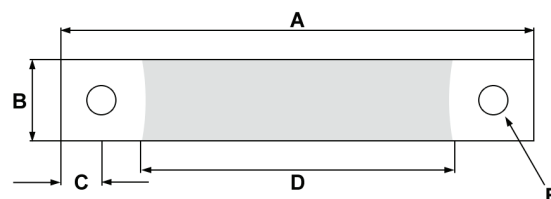


*Uvox Earth Straps are completely tinned to provide corrosion resistance and are supplied with all-round sleeve insulation.*

## 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

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