

TECHNICAL DATA SHEET



COMPONENT ART:
LPES- 010037120

Component Description: **50x6 mm GI Flat Conductor**
SITC of LPES Non Insulated/Bare Mild Steel Galvanised Iron 50 - 75 micron Flat Solid 50mm_6mm Conductors Design & Comply As Per IEC 62305, NBC 2016 & IEEE 80, Tested As Per IEC 62561-2
Article Name- LPES-CD-SO-F-MS-50mm_6mm-GI-50_75-BA
UV resistant. Classification H1.
Use for Lightning Protection Class I-II-III-IV.

Additional components:
Classified Holders of Liner and Fix motion.

Installation: Down and Ground termination system of Overhead and integrated systems.

Dimensions:	Cross Section of FI :	300 mm ²
	Size / Ø :	50x6 mm
	Ends :	Flat
	Material :	StZn
	Coating Thickness	70 Micron

Characteristic:	Material thickness / Coating :	6 mm
	Electrical Resistivity ρ :	0.036 $\mu\Omega\text{m}$
	Tensile Strength:	>300 N/mm ²
	Electrical Conductivity:	> 54% IACS
	Electro magic Compatibility:	Passive
	Weight :	2.37 kg/m

Standard:

IEC EN 62561-2:2017

Tests:

- Environmental Test
 - ♦ Salt mist (EN 60068-2-52:1996)
 - ♦ Humid sulphurous atmosphere (ISO 6988:1985)
- Thickness Coating of Conductors ISO 1460 ISO1461 ISO 2178
- Bend and Adhesion Test
- Tensile Test ISO 6892-1
- Electrical Resistivity Test
- Marking Tests
- EMC Test