

TECHNICAL DATA SHEET



COMPONENT ART:
LPES- 010065130

Component Description:

75X12 mm GI Flat Conductor coating thickness 76-100 micron

SITC of LPES Non Insulated/Bare Mild Steel Galvanized Iron 76 - 100 micron Flat Solid 75mm_12mm Conductors Design & Comply As Per IEC 62305, NBC 2016 & IEEE 80, Tested As Per IEC 62561-2 Part No. 010065130 Article No. LPES-CD-SO-F-MS-75mm_12mm-GI-76_100-BA UV resistant. Classification H1.

Use for Lightning Protection Class I-II-III-IV.

Installation:

Additional components: Classified Holders of Liner and Fix motion.

Down and Ground termination system of Overhead and integrated systems.

Dimensions:	Cross Section of Fl :	900 mm ²
	Size / Ø :	75x12 mm
	Ends :	Flat
	Material :	SltZn
	Coating Thickness	76-100 mm

Characteristic:	Material thickness:	12 mm
	Electrical Resistivity ρ :	0.036 μm
	Tensile Strength:	>300 N/mm ²
	Electrical Conductivity:	> 54% IACS
	Electro magic Compatibility:	Passive
	Weight :	7.19 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