

TECHNICAL DATA SHEET



COMPONENT ART:
LPES- 010019120

Component Description: **25x4 mm GI Flat Conductor:**
SITC of LPES Non Insulated/Bare Mild Steel GI Coated 50 - 75 micron Flat Solid 25mm_4mm Conductors Design & Comply As Per IEC 62305, NBC 2016 & IEEE 80, Tested As Per IEC 62561-2 Part No. 010019120 Article No. LPES-CD-SO-F-MS-25mm_4mm-GI-50_75-BA
UV resistant. Classification N, H.
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 : 100 mm²
Size / Ø : 25x4 mm
Ends : Flat
Material : SlitZn

Characteristic: Material coating thickness : 70 micron
Electrical Resistivity ρ : 0.036 $\mu\Omega\text{m}$
Tensile Strength: >300 N/mm²
Electrical Conductivity: >4% IACS
Electro magic Compatibility: Passive
Weight : 0.79 kg/m

Standard:
Tests:

IEC EN 62561-2:2017

- 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