

TECHNICAL DATA SHEET



**COMPONENT ART:
LPES- 010018220**

Component 25x3mm Copper bonded conductor:

Description:

LPES Non Insulated/Bare Mild Steel Copper Coated 50 - 75 micron Flat Solid 25mm_3mm Conductors Design & Comply As Per IEC 62305, NBC 2016 & IEEE 80, Tested As Per IEC 62561-2 Part No. 010018220 Article No. LPES-CD-SO-F-MS-25mm_3mm-CC-50_75-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 FI :	75 sq mm
Size / Ø :	25x3 mm
Ends :	Flat
Material :	Copper Coated steel
Coating Thickness	70 microns

Characteristic:

Material thickness:	3 mm
Tensile Strength:	>300 N/mm ²
Electro magic Compatibility:	Passive
Weight :	0.59 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