LPES INTERNATIONAL
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TECHNICAL DATA SHEET

COMPONENT ART:
LPES- 011011220

Description: **18 mm Copper Coated conductor- Non Insulated**

Component

SITC of LPES Non Insulated/Bare Mild Steel Copper Coated 50 - 75 micron Round Solid 18mm Conductors Design & Comply As Per IEC 62305, NBC 2016 & IEEE 80, Tested As Per IEC 62561-2 Part No. 011011220 Article No. LPES-CD-SO-R-MS-18mm-CC-50_75-BA

UV resistant. Classification H1.
Use for Lightning Protection Class I-II-III-IV.

Installation: Air Termination and Ground termination system of Overhead and integrated systems.

Dimensions:

Cross Section of Rd	254.47mm²
Rod Ø :	18 mm
Ends :	Full Round
Material :	Copper coated steel

Characteristic:

Coating thickness:	70 micron
Tensile Strength:	>300 N/mm2
Electro magic Compatibility:	Passive
Weight :	2 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