LPES INTERNATIONAL
Web. www.lpesinternational.com
Email. info@lpes.in & info@lpesinternational.com

TECHNICAL DATA SHEET

COMPONENT ART:
LPES- 011011270

Description: Component

18 mm Copper Coated conductor- Non Insulated

SITC of LPES Non Insulated/Bare Mild Steel Copper Coated 201 - 250 micron Round Solid 18mm Conductors Design & Comply As Per IEC 62305, NBC 2016 & IEEE 80, Tested As Per IEC 62561-2 Part No. 011011270 Article No. LPES-CD-SO-R-MS-18mm-CC-201_250-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	254.47 mm²
	Rod Ø :	18 mm
	Ends :	Full Round
	Material :	Copper coated steel
Characteristic:	Coating thickness:	250 micron
	Tensile Strength:	300 N/mm2
	Electro magic Compatibility:	Passive
	Weight :	2.4 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