

TECHNICAL DATA SHEET



COMPONENT ART:
LPES- 011007270

**Component
Description:**

10 mm Copper Coated conductor

SITC of LPES Non Insulated/Bare Mild Steel Copper Coated 201 - 250 micron Round Solid 10mm Conductors Design & Comply As Per IEC 62305, NBC 2016 & IEEE 80, Tested As Per IEC 62561-2 Part No. 011007270 Article No. LPES-CD-SO-R-MS-10mm-CC-201_250-BA

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

Additional components: Classified Holders of Liner and Fix motion.

Installation:

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

Dimensions:

Cross Section of	78.54 mm ²
Rd : Rod Ø :	10 mm
Ends :	Full Round
Material :	Copper coated steel

Characteristic:

Coating :	250 micron
Tensile Strength:	>300 N/mm ²
Electro magic Compatibility:	Passive
Weight :	0.689 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