

TECHNICAL DATA SHEET



COMPONENT ART:
LPES- 011009220

Description: **14 mm Copper Coated conductor- Non Insulated**
Component

SITC of LPES Non Insulated/Bare Mild Steel Copper Coated 50-75 micron Round Solid 14mm Conductors Design & Comply As Per IEC 62305, NBC 2016 & IEEE 80, Tested As Per IEC 62561-2 Part No. 011009220 Article No. LPES-CD-SO-R-MS-14mm-CC-50_75-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 Rd	153.94 mm ²
	Rod Ø :	14 mm
	Ends :	Full Round
	Material :	Copper coated steel

Characteristic:	Coating thickness:	70 micron
	Tensile Strength:	>300 N/mm ²
	Electro magic Compatibility:	Passive
	Weight :	1.23 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