

TECHNICAL DATA SHEET



COMPONENT ART:
LPES- 011008220

Component Description: **12 mm Copper Coated conductor- Non Insulated**

SITC of LPES Non Insulated/Bare Mild Steel Copper Coated 50 - 75 micron Round Solid 12mm Conductor Design & Comply As Per IEC-62305,NBC-2016 & IEEE-80 Tested As Per IEC-62561-2 Part No. 01-1008-22-0 Article No.LPES-CD-SO-R-MS-12mm-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.
Air Termination and Ground termination system of Overhead and integrated systems.

Dimensions:	Cross Section of	113.10 mm ²
	Rd : Rod Ø :	12 mm
	Ends :	Full Round
	Material :	Copper coated steel

Characteristic:

Material thickness /Coating :	70 micron
Tensile Strength:	>300 N/mm ²
Electro magic Compatibility:	Passive
Weight :	0.9 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