LPES INTERNATIONAL
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TECHNICAL DATA SHEET

COMPONENT ART :
LPES- 011008120

Component Description:

12 mm GI Round Conductor:

LPES Non Insulated/Bare Mild Steel Galvanised Iron 50 - 75 micron Round Solid 12mm Conductors Design & Comply As Per IEC 62305, NBC 2016 & IEEE 80, Tested As Per IEC 62561-2 Part No. 011008120 Article No. LPES-CD-SO-R-MS-12mm-GI-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:

Down and Ground termination system of Overhead and integrated systems.

Dimensions:

Cross Section of Fl :	113.1 mm²
Size / Ø :	12 mm
Coating Thickness	70 micron
Ends :	Round
Material :	St/t Zn

Characteristic:

Material thickness / Coating :	12 mm/70 micron
Electrical Resistivity ρ :	0.143 μΩ·m
Tensile Strength:	>300 N/mm²
Electrical Conductivity:	>54% IACS
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
- EMC Test