

TECHNICAL DATA SHEET



COMPONENT ART :
LPES- 011006120

Component 8mm GI Round Conductor:

Description: LPES Non Insulated/Bare Mild Steel Galvanised Iron 50 - 75 micron Round Solid 8mm Conductors Design & Comply As Per IEC 62305, NBC 2016 & IEEE 80, Tested As Per IEC 62561-2 Part No. 011006120 Article No. LPES-CD-SO-R-MS-8mm-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 FI :	50 mm ²
	Size / Ø :	8 mm
	Coating Thickness	70 micron
	Ends :	Round
	Material :	St/t Zn

Characteristic:	Material thickness / Coating :	8mm/70 micron
	Electrical Resistivity ρ :	0.143 $\mu\Omega \cdot m$
	Tensile Strength:	>300 N/mm ²
	Electrical Conductivity:	>54% IACS
	Electro magic Compatibility:	Passive
	Weight :	0.41 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