

TECHNICAL DATA SHEET



**COMPONENT ART:
LPES- 010066230**

Component Description: 40x6 mm Copper Coated Conductor:

SITC of LPES Non Insulated/Bare Mild Steel Copper Coated
76 - 100 micron Flat Solid - Conductor Design & Comply As
Per IEC-62305 ,NBC-2016 & IEEE-80 Tested As Per
IEC-62561-2 Part No. 010066230 Article No.LPES-CD-SO-F
MS-40mm_6mm-CC-76_100-BA
UV resistant. Classification H1.
Use for Lightning Protection Class I-II-III-IV.

Installation: Additional components:

Classified Holders of Liner and Fix motion.
Down and Ground termination system of Overhead and
integrated systems.

Dimensions:	Cross Section of FI :	240 sq mm
	Size / Ø :	40x6 mm
	Ends :	Flat
	Material :	
	Coating	Copper Coated steel
	Coating Thickness	100 micron

Characteristic:	Material thickness:	6 mm
	Tensile Strength:	0.0173 $\mu\Omega\text{m}$
	Electro magic	> 54% IACS
	Compatibility:	Passive
	Weight :	1.980 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