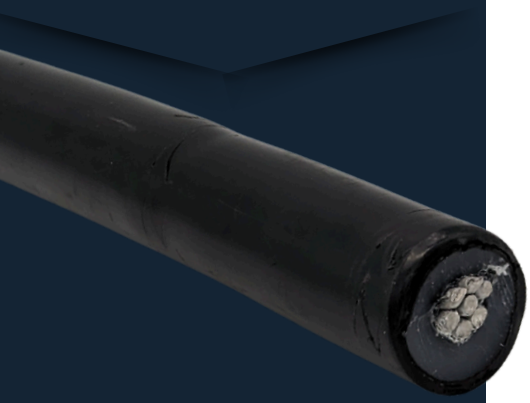
CABLE FPIC®

ISOLATED DOWN CONDUCTOR







A	8 mm
B	25 mm
Packaging	50 m or more spool



Qualifoudre INERIS N° 051168729019

CE

COMPLIES WITH
IEC 62561-8
IEC 62561-2

La FRENCH FAB

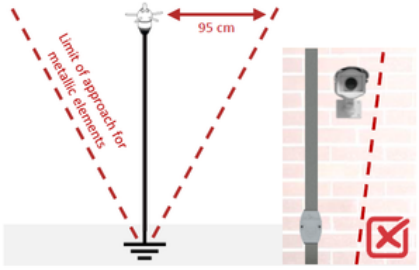
contact@france-paratonnerres.com
https//france-paratonnerres.com/en/
+33 5 55 57 52 53

TECHNICAL DATASHEET

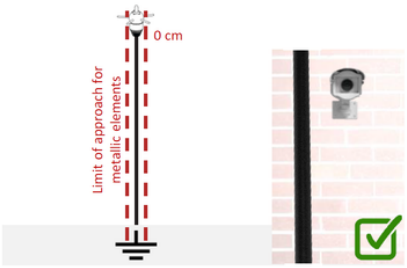
FEATURES

Reference	**13016**
Designation	**Isolated down conductor FPIC®**
Functioning	Allow to connect an ESE air terminal to an earthing system an to virtually reduce the separation distance by 95 cm.
Equivalent distance separation in the air	**95 cm**

WITHOUT FPIC®



WITH FPIC®



Central component	Twisted aluminum cable
Section	50 mm²
Semiconductive outer layer	YES
Insulation material	Cross-linked polyethylene (XLPE)
Insulation performance	1 MV
Installation	Aerial

CONCEPT OF ISOLATED LPS

When an installation meets the expected separation distance, the Lightning Protection System (LPS) can be considered isolated. Considering the equivalent separation distance of the isolated down conductor FPIC® (se=95cm) and according to the separation distance calculation, this leads to the following maximum installation lengths:

*Calculations performed according to the standard NF C 17-102:2011 for an **ESE air terminal***

Cable Nb. FPIC / ESE	Level I	Level II	Level III + IV
1	11.90 m	15.80 m	23.80 m
2	15.80 m	21.10 m	31.70 m
3	19.80 m	26.40 m	39.60 m

COMPLIANCE

Complies with	IEC 62561-8 IEC 62561-2

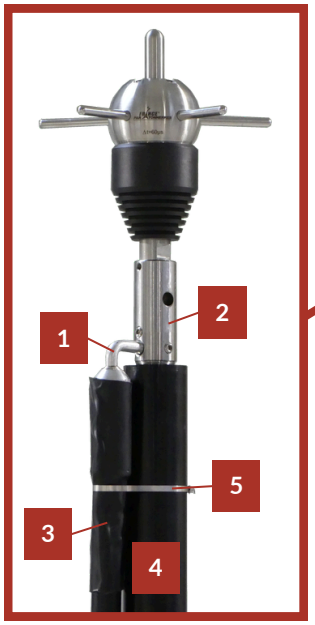
As part of our process of innovation and improvement, we reserve the right to make changes to shape, features and dimensions without prior notice. Illustrations are therefore non-binding.

CABLE FPIC®

ISOLATED DOWN CONDUCTOR

TECHNICAL DATASHEET

INSTALLATION EXAMPLE









INCLINED FIXING
REF. 15116
1



STRAIGHT FIXING
REF. 15117

ESE'S FIXING KIT
REF. 11055

	ISOLATED MAST	4
	ADAPTATER	2
	CLAMPING RING	

HEAT-SHRINK TUBING
REF. 80369
3

CLAMP
REF. 12117
5

EXTENSION MAST (2M)
WITH COLLAR
REF. 11058

MASONRY FIXING
REF. 14048

ALL-SUPPORT FIXING
REF. 14050

	REF. 14014

CONNECTOR
REF. 15118
6

CROW'S FEET
REF. 16018
7

1 TO 4 FPIC®



FPIC® IN MASTER



CROW'S FEET



CONNECTOR



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