

# sofamel

Product technical specifications

## Model ABT

Insulating piercing connectors 6KV

### Functionality

It is used for derivations in aerial fittings distribution necks of Low voltage lines of conductor connections or similar lines type.

### Product Features

Connector with simultaneous tight and sealing joint, that allows to connect with high security and quickly in voltage work.

It allows main and secondary cables of aluminum or copper.

To work with or without TENSION.

Simultaneous wrench over main and secondary cable by hexagonal fused head screw.

Derivation could be done to the left and to the right of the connector.

Torque wrench control.



### RANGE / DIMENSIONS OF PRODUCT

Code	Ref.	Section (mm <sup>2</sup> )				Kg x 100
		Main		Tape		
136100	ABT/CE-95	10	95	1,5	6	11,000
136120	ABT/CT-95	25	95	6	35	13,000
136130	ABT/CT-150	50	150	6	35	13,500
136140	ABT/CT-95/95	25	95	25	95	17,500
136145	ABT/CT-150/95	50	150	25	95	18,000
136150	ABT/CT-185/185	50	185	50	185	34,000



### Raw material characteristics

They have been manufactured with high impact copolymer polypropylene (mechanical, weather, UV, and age resistance).

The sealing elastomeric joint of high Dielectric strength and resistant.

Drilling teeth made of electrolytic tinned brass. Steel screw treated to give protection against corrosion.

removable and unmissable cap for main cable, made in elastomeric material of high Dielectric strength and resistance to open condition.

### Certificates

NI 58.24.01 Insulation piercing connectors  
NF-C33-090-1 Low voltage underground connection equipment with insulation perforation fittings

