THERMAL TECHNOLOGY®

CARBON FIBER HEATING

THERMOCOVERS FOR TELEPHONY DISHES

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APPLICATION

Telephonic dishes (discs) are often exposed to extreme weather conditions, with very low temperatures and winds up to 120 km/h. Such conditions cause the accumulation of ice on their surface that affects the functioning. The application of the Thermal Technology thermocover, specifically constructed to handle all performance and safety requirements, avoids such situations.

NO HARMFUL ELECTROMAGNETIC EMISSIONS

FUNCTIONAL FEATURES

Due to a verified locking system the fastening is simple, even on the already finished installations. The use of carbon fiber heating technology does not create disruptions caused by electromagnetic emissions, and, thanks to its particularly reduced power consumption, does not compromise already low energy availability of the network.

CARBON FIBER

Carbon fiber is flexible, does not oxidize, does not produce harmful electromagnetic fields during electricity flow, has no dimensional variations, as the temperature changes, or deterioration of ohmic values. No wearing and no maintenance necessary. Its high resistivity permits significant energy savings.

ICE FORMATIONS ON UNPROTECTED DISHES

DETAIL OF THERMOCOVER

CUSTOM PROJECT

According to the technical specifications of the dish.

MATERIALS STRATIFICATION

Starting from the external side :

- White PVC fabric, Class 1.
- Double insulation layer in flame retardant felt; reflecting layer in aluminium.
- Resistors in carbon fiber.
- Aramidic fabric with silicon treatment.

TEMPERATURE CONTROL

The temperature is regulated in separate sections by bimetallic thermostats.

MODEL	POWER SUPPLY	POWER	PROTECTION DEGREE	TEMPERATURE CONTROL	CABLES	DIMENSIONS
TI_ANT_TEL	48V	250 W/m²	IP67	Thermoregulation in separate sections	H07 RNF 3G	custom project

TESTS FOR THERMAL PERFORMANCE AT -18 C OUTDOOR TEMPERATURE ARE AVAILABLE UPON REQUEST

CONFORMITY

CE

This product is manufactured in conformity with the electrical safety standards set by Low Voltage Directive 2014/35/EU. This product is in conformity with Electromagnetic Compatibility Directive 2014/30/EU, concerning the standards for electromagnetic emissions.

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