

## 3F9050 in heat resistant optical fiber cable

### 3F9050 Flame retardant fire barrier tape

#### About the customer

Helkama Bica Oy is specialist cable manufacturer of Instrumentation, Power, Heat- and Fire-resistant, Optical Fiber and Flexible Cables for Marine, Offshore and Industrial markets. Helkama has manufacturing plants in Hanko and Kaarina, Finland and Shanghai, China and exports yearly to more than 60 countries all over the world. Helkama is well known for quality, flexibility and outstanding personal service.

#### Cable design

Helkama FXMMS is an Halogen Free Optical Fiber slotted core Installation Cable, with 2-8 fibers, mainly used in Marine and Offshore applications.

#### Solution

Helkama FXMMS cables used for marine and offshore application and are certified by DNV-GL, L=GL, Loyds and RMRS for Flame Retardant (IEC 60332-1-2, IEC 60332-3-22), Halogen Free (IEC 60754) and Low Smoke Emission (IEC 61034).

3F9050 is used under the jacket of heat resistant cables as separator tape. 3F9050 replaces regular plastic PET tape (mylar) and helps succeeding the Flame Retardant test.



#### Customer

Helkama (Finland)

#### 3F9050 properties

- Thin
- Halogen free
- Non-toxic
- Low smoke

#### Applications

- Bedding, binding, separation and heat barrier
- Over the (multi-wire) cable core
- Between extruded layer
- Under the jacket



## Cable solutions

### BBSH tapes

The perfect solution for many applications. Lantor tapes are used for bedding, binding, separation and heat-barrier applications.

Lantor tapes enable better performance of your cable.

### Waterblocking tapes

Solutions designed to protect cables from water ingress. Lantor waterblocking tapes minimize the water penetration into the cable and deliver high quality performance on contact with water.

With our high standards and dedication to our products we ensure excellent water blocking performance in your cable.

### Waterblocking yarns

Lantor waterblocking yarns are designed to perform on the most demanding production lines and have a tremendous absorption capacity with a fast swell rate and high tenacity.

## LANTOR CORE INSIDE The Original European Quality



### More information

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