

## APPLICATION

Flexitel® H05RNH2-F is a flexible cable for mobile service. Suitable for temporary installations, both indoor and outdoor. The rectangular outer sheath with calibrated dimension makes it especially suitable for special lamp holders adapted to this type of cable.

## CONSTRUCTION

### Conductor

Electrolytic annealed copper, class 5 (flexible), according to EN 60228 and IEC 60228.

### Insulation






Thermosetting rubber insulation, type EI4 according to EN 50363-1. The standard identification of insulated conductors is the following:

2 x Blue + Brown

### Outer sheath

Thermosetting rubber, type EM2 according to EN 50363-2-1. White colour. Other colours available under request.



## CHARACTERISTICS

-  **Electrical performance**  
Low voltage: 300/500 V.
-  **Thermal performance**  
Maximum conductor temperature: 60°C.  
Maximum short-circuit temperature: 200°C (max. 5 s).  
Minimum service temperature: -40 °C (static with protection).
-  **Fire performance**  
Flame non-propagation according to EN 60332-1 / IEC 60332-1.  
Low halogen emission. Chlorine < 15%.
-  **Mechanical performance**  
Minimum bending radius: 10 x cable diameter.  
Impact resistance: AG2 Medium severity.
-  **Environmental performance**  
Chemical & Oil resistance: Good.

## TECHNICAL DATA

Cross-section (mm <sup>2</sup> )	Dimension (mm)	Weight (kg/km)
2 x 1,5	13,5 x 5,5	125

## STANDARDS / COMPLIANCE

-  **According to:**  
EN 50525-2-82 / IEC 60245.
-  **Standards and approvals**  
CE / RoHS

