

**FE4OHH2M1FM1 600/1000V**  
**CU/XLPE/OS/TCWB/LSZH/SWA/LSZH**  
**CPR Class: Eca**

**Design**

- **Conductor**  
Stranded annealed or tinned Copper
- **Insulation**  
Cross-linked polyethylene
- **Overall Screen**  
Aluminum/PET + Copper wire braid
- **Inner sheath**  
Special halogen-free compound
- **Armour**  
Galvanized steel wire
- **Outer sheath**  
Special halogen-free compound
- **Colour**  
Upon request

**Special Features**

- Sunlight resistant
- Hydrocarbon and chemical res.
- Fire behaviour
- Oil resistant

**Type of Application**

- Low level CPR classification
- Cables suitable for installation in places characterized by low density of crowding and easy of escape.







**Norm references and Approvals**

- **Constructive standard**  
IEC 60502-1
- **CPR**  
EU 305/11  
EN 50575
- **Hydrocarbon & Oil**  
CEI 20-34/0
- **Halogen acid gas**  
IEC 60754-1 (max 0,5%)  
IEC 61034-2
- **Fire behavior**  
IEC 60332-1-2  
IEC 60332-3-22  
EN 50399

**DoP Number**

- CCE\_DOP\_220012

**Technical data**

-  **Core identification code as per HD 308:**  
3: brown, black, grey + 3 yellow/green cores
-  **Conductor stranding:**  
Class 5 IEC 60228
-  **Nominal Voltage U<sub>0</sub>/U:**  
600/1000 V
-  **Test voltage:**  
C/C 3500 Vac x 5 minute
-  **Temperature range:**  
during operation: -30° to +70°C  
during installation: -5° to +50°C
-  **Minimum Bending Radius:**  
10x Outer Diameter

Cross section (mm <sup>2</sup> )	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
3x2.5+3G0.5	15,2	119	465
3x6+3G1	18,5	250	779
3x10+3G1.5	20,8	372	994
3x16+3G2.5	23,8	620	1421
3x25+3G4	27,2	803	1844
3x35+3G6	30,2	1306	2350
3x50+3G10	35,2	1856	3319

Cross section (mm <sup>2</sup> )	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
3x70+3G10	39,9	2433	4159
3x95+3G16	43,7	3343	5139
3x120+3G16	49,9	4119	6583
3x150+3G25	54,5	5271	7979
3x185+3G35	61,8	6639	9859
3x240+3G50	68,1	8756	12404

Unless specified, the shown product values are nominal. Detailed values (e.g. tolerances) are available upon request. Weights and dimensions are indicative only and may change from what is indicated in this technical specification. For more detailed information contact us at [info.it.cce@lapp.com](mailto:info.it.cce@lapp.com)

Photographs are not to scale and do not represent detailed images of the respective products, technical sheets including detailed constructions and performances are available upon request