



UE4OHH2M16 300/300V

CU/XLPE/OS/TCWB/LSZH
CPR Class: Cca – s1b, d1, a1

UE4XHOHH2M16 300/300V

CU/XLPE/IS/OS/TCWB/LSZH
CPR Class: Cca – s1b, d1, a1

Design

- **Conductor**
Solid annealed or tinned Copper
- **Insulation**
Cross-linked copolymer
- **Individual Screen**
Aluminum/PET + tinned Copper drain wire
- **Overall Screen**
PET/Aluminum + tinned Copper drain wire
- **Braid Screen**
Tinned Copper Wire Braid
- **Outer sheath**
LSZH (low smoke zero halogen)
- **Colour**
Upon request

Special Features

- UV-resistant
- Hydrocarbon and Chemical res.
- Oil resistant

Type of Application

- Middle-high level CPR classification
- Suitable for installation in constructions and civil engineering buildings with high concentration of people.

Norm references and Approvals

- **Constructive standard**
EN 50288-7
- **CPR**
EU 305/11
EN 50575
- **Hydrocarbon & Oil**
CEI 20-34/0
IEC 60811-404
- **Determination of acidity**
IEC 60754-2
- **Low Smoke Emission**
IEC 61034-2
- **Fire behavior**
IEC 60332-1-2
EN 50399

DoP Number

- CCE_DOP_210001

Technical data

- **Core identification code:**
Pairs: orange & blue
Other colors code available on request
- **Insulation resistance:**
1000 MOhm x km
- **Conductor stranding:**
Class 1 IEC 60228
- **Nominal Voltage U₀/U:**
300/300 V
- **Test voltage:**
C/C 1000 Vac x 1 minute
- **Temperature range:**
during operation: -30° to +70°C
during installation: -5° to +50°C
- **Minimum Bending Radius:**
10 x Outer Diameter

Cross section (mm ²)	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
UE4OHH2M16 300/300V			
2x0,9	6,9	34,1	77,2

Cross section (mm ²)	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
UE4XHOHH2M16 300/300V			
3x2x0,9	10,7	98,47	184,6

Unless specified, the shown product values are nominal. Detailed values (e.g. tolerances) are available upon request.

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