



**Cu/LSOH/LSOH  
300/500V  
H05Z1Z1H2-F Flat Cable**

**DESCRIPTION:**

Flexible power cables, LSOH thermoplastic insulated,  
under LSOH thermoplastic sheath.

**CABLE STRUCTURE:**

**Conductor:**

Flexible copper Class 5 CEI EN 60228

**Insulation:**

Thermoplastic LSOH TI6

**Sheath:**

Thermoplastic LSOH TM7

**TECHNICAL DATA:**

**Rated voltage:**

300/500V

**Flexing bending radius:**

4 x Ø

**Fixed bending radius:**

3 x Ø

**Operating Temperature:**

+5° C to +90° C

**Flame test:**

flame-retardant acc. to EN 50265-2-1, IEC 60332.1

**APPLICATION:**

For locations needing low smoke & corrosive gas  
emission in case of fire/burning. Used in homes  
& offices (everyday use, household appliances  
—including damp areas, e.g., vacuums, washers,  
spin dryers, fridges). Also for temporary  
short-term outdoor use.

**CERTIFICATES:**

We hold SAA, CE, TUV and CCC certifications for  
our product categories. Additionally, we possess  
other authoritative certifications recognized in  
various countries and regions. For further details  
on our certification portfolio, please do not  
hesitate to contact us.

**STANDARD:**

EN 50525-2-21





Cu/LS0H/LS0H 300/500V H05Z1Z1H2-F Flat Cable

Specifications

| Nominal size | Max diameter of wire | Outer diameter | Cable weight |
|--------------|----------------------|----------------|--------------|
| mm2          | mm                   | mm             | kg/km        |
| 2x0,75       | 0,21                 | 3,9x6,2        | 41           |
| 2x1,00       | 0,21                 | 4,05x6,5       | 56           |