

# AFFLEX LSOH H05Z1Z1-F

The easy strip low smoke zero halogen flex

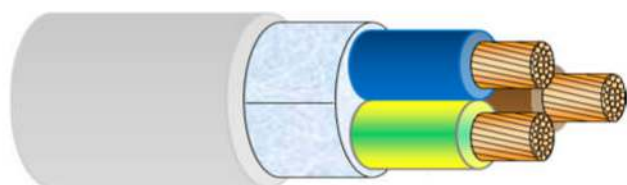


**THORNE &  
DERRICK  
INTERNATIONAL**

**Thorne & Derrick**

+44 (0) 191 410 4292

www.powerandcables.com



## CABLE DESCRIPTION

### Conductor

Stranded copper class 5 according to IEC 60228

### Insulation

Thermoplastic compound LSOH, type TI 6.

### Separator

Easy strip tape to ensure quick and effortless sheath removal

### Outer Sheath

White Thermoplastic compound, LSOH, type TM 7

### Technical Data

Reference Standards EN 50525-3-11

Service temperature -10 + 70 °C

Rated voltage 300/500 V

AC Voltage test, 5 min at 2.0kV

Bending radius 4D

### Key Features

- > Genuine FLEX (EN 50525-1)
- > Easy strip sheath: no sticking or jamming
- > Genuine low smoke, zero halogen and flame retardant

### Fire Performance

- > Flame retardant: UNE EN 60332-1-2, IEC 60332-1-2
- > Fire retardant: UNE EN 60332-3-24, IEC 60332-3-24
- > Zero Halogen: UNE EN 50267-2-1, IEC 60754-1
- > Low Smoke: UNE EN 61034-2, IEC 61034-2
- > Acidic and corrosive gases: UNE EN 50267-2-2, IEC 60754-2

### Approvals

- > HAR approved AENOR: EN 50525-3-11

### Core Identification

Harmonised - standard

- ○ brown-blue
- ○ ○ brown-blue-green/yellow
- ○ ○ ○ brown-black-grey-green/yellow
- ○ ○ ○ ○ brown-black-grey-blue-green/yellow



**Temperature**  
Range  
-10 to 70 °C



**Bending Radius**  
Fixed r=4D



**Mechanical Impact**  
Medium



**Fire Performance**  
UNE EN 60332-1-2  
UNE EN 60332-3-24



**Flexibility**  
Flexible



**Halogen Free**  
UNE EN 50267-2-2



**Low Smoke Emissions**  
UNE EN 61034-2

Nominal Cross Sectional Area mm <sup>2</sup>	Insulation Thickness mm	Nominal Outer Sheath Thickness mm	Approx. Outer Diameter mm	Approx. Weight kg/km	Prysmian Code
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#### Two Core

0.75	0.6	0.8	6.5	60	20163901
1.0	0.6	0.8	6.7	65	20163874

#### Three Core

0.75	0.6	0.8	6.8	70	20163902
1.0	0.6	0.8	7.1	78	20163875
1.5	0.7	0.9	8.3	107	20163876
2.5	0.8	1.1	10.1	167	20163880
4.0	0.8	1.2	11.3	227	20163881

#### Four Core

0.75	0.6	0.8	7.4	84	20163903
1.0	0.6	0.9	7.9	98	20163877
1.5	0.7	1.0	9.3	135	20163878
2.5	0.8	1.1	11.1	203	20163879
4.0	0.8	1.2	12.4	278	20163882

#### Five Core

0.75	0.6	0.9	8.3	103	20163904
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#### Current Rating

BS7671 Table 4F3A and 4F3B



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