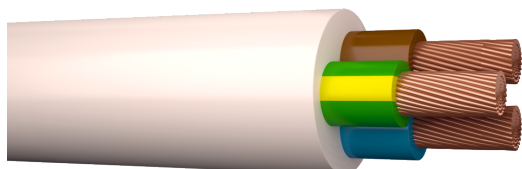


Flexible Cables

H05Z1Z1-F 300/500 V



Application

Halogen-free and flame retardant flexible cable for appliances, devices and lamps as well as for internal wiring. Not suitable for outdoor application. Must be installed according to S.B.

Approval

HAR - Approval

Standard

EN 60228
EN 50525
IEC 60332-1-2
IEC 61034-1-2
EN 50267-2-3
EN 50267-1

Conductor standard
Low voltage energy cables of rated voltages up to and including 450/750 V (U0/U)
Vertical flame propagation for a single insulated wire or cable
Material Standard for smoke
Corrosive gases
Hologen free material

Construction

Cable Shape
Conductors
Conductor Insulation
Marking of cores

Round
Flexible copper acc. to IEC 60228 klasse 5
Thermo plastic compound
3-core: Yellow/green, blue, brown
5-core: Yellow/green, blue, brown, black, grey
Thermo plastic compound

Outer Sheath

Temperature

Maximum operating Temperature maks. 70°C
Minimum operating Temperature for cable type min. - 10°C
[°C]
Temperatures at installation [°C] min. -10°C to 70°C

Features

Bending radius <12mm: 3 x D, >12mm: 4 x D
REACH/SVHC declaration In compliance with REACH
RoHS declaration In compliance with RoHS

Electrical

Max. short circuit temperature [°C] 160°C
Test Voltage [kV] 2 kV AC

Conductors and screen area [mm ²]	Diameter over sheath [mm]	Cable weight [kg/km]	Standard delivery length [m]	EAN/GTIN number
3G0,75	6,6	70,4	100	8430220500844
3G1	6,8	78,2	100	8430220500813
3G1,5	8,1	109	100	8430220500837
5G1,5	10,1	165	100	8430220500851