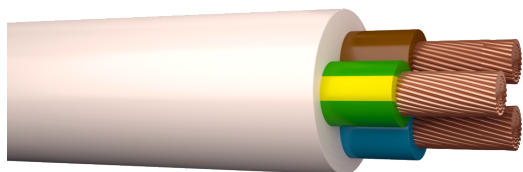**≡PRYSMIAN**

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	Conductor standard
EN 50525	Low voltage energy cables of rated voltages up to and including 450/750 V (U0/U)
IEC 60332-1-2	Vertical flame propagation for a single insulated wire or cable
IEC 61034-1-2	Material Standard for smoke
EN 50267-2-3	Corrosive gases
EN 50267-1	Hologen free material

Construction

Cable Shape	Round
Conductors	Flexible copper acc. to IEC 60228 klasse 5
Conductor Insulation	Thermo plastic compound
Marking of cores	3-core: Yellow/green, blue, brown
	5-core: Yellow/green, blue, brown, black, grey
Outer Sheath	Thermo plastic compound

Temperature

Maximum operating Temperature	maks. 70°C
Minimum operating Temperature for cable type [°C]	min. - 10°C
Temparatures 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 [mm2]	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