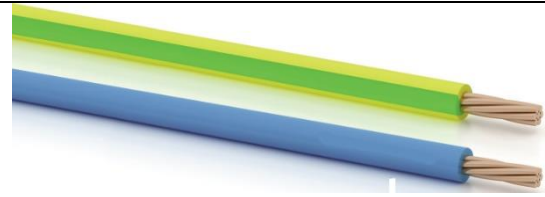




Becatech

Interconnective Power



Halogen free installation power cable (H07Z1-R)

Cable Structure :

Conductor: stranded bare copper.
Insulation: halogen free polymer compound.

Technical Specification :

Rated temperature laying: -5°C to 50°C .
Rated temperature operating: -25°C to 70°C .
Maximum conductor temperature: 70°C .
Rated bending radius: $4 \times \phi$.

Fire behaviour:

- CPR classification according to B2ca-s1, d2, a1.
- Low smoke halogen free according to IEC 60754-2.
- Low smoke emission according to IEC 61034-2.
- Flame retardant according to IEC 60332-1-2 and IEC 60332-3-24.

Application :

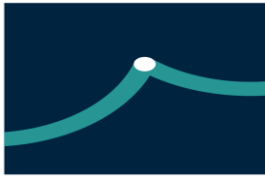
For use in low voltage installations in residential and non-residential construction with a medium fire risk.

For use in industry, in house, outdoor installation (only with protection) and installation directly into the ground (only with protection).

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Interconnective Power

Core x mm ²	Isolation Thickness mm	Overall Diameter mm	Cable Weight (kg/km)	Calorific Potential kWh/m
1x6	0.8	4.7	70	0.063
1x10	1.0	6.0	115	0.099
1x16	1.0	7.0	170	0.119
1x25	1.2	8.5	265	0.177
1x35	1.2	10.0	355	0.205
1x50	1.4	11.5	490	0.279
1x70	1.4	13.0	690	0.333
1x95	1.6	15.0	955	0.448
1x120	1.6	16.5	1180	0.497
1x150	1.8	18.5	1455	0.621
1x185	2.0	21.0	1830	0.772
1x240	2.2	24.0	2350	0.966
1x300	2.4	26.0	2925	1.180
1x400	2.6	29.0	3790	1.450
1x500	2.8	33.0	4790	1.780

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