

PRODUCT SPECIFICATION

EPB29881

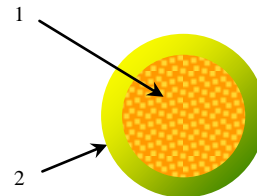
Low voltage cables

Single core cables

Copper conductor

**Halogen free flame retardant compound
Type TI 7 (HFFR).**

H07Z1-R (AS)



Cross sectional drawing

- 1 – Plain annealed copper conductor, class 2 according to IEC 60228.
- 2 – Halogen free flame retardant compound, type TI 7 (HFFR).

Standards

IEC 60228
EN 50525-3-31
Flame retardant - IEC 60332-1-2
Fire retardant - IEC 60332-3-24 (Cat. C)
Low smoke and halogen free:
IEC 60754-1 (halogen acid gas ≤0,5%)
IEC 60754-2 (pH ≥ 4,3 conductivity ≤10μS/mm)
IEC 61034-2 (Transmittance ≥ 60%)

Rated voltage

450 / 750 V

Outer sheath colour

GREEN/YELLOW, or other to be specified

Marking

On the insulation as in the following example:

CABELTE H07Z1-R(AS) TYPE 2 1x25

Technical Characteristics				
Cable	Ohmic Resist. @ 20°C, d.c. (Ω/km)	Insulation thickness (mm)	Approx. Overall diameter (mm)	Approx. weight (kg/km)
1x4	4,61	0,8	4,2	50
1x6	3,08	0,8	4,6	65
1x10	1,83	1,0	5,8	110
1x16	1,15	1,0	6,7	165
1x25	0,727	1,2	8,5	255
1x35	0,524	1,2	9,5	350
1x50	0,387	1,4	11,1	465
1x70	0,268	1,4	12,8	655
1x95	0,193	1,6	14,9	900
1x120	0,153	1,6	16,6	1130
1x150	0,124	1,8	18,1	1385
1x185	0,0991	2,0	19,8	1740
1x240	0,0754	2,2	22,9	2280