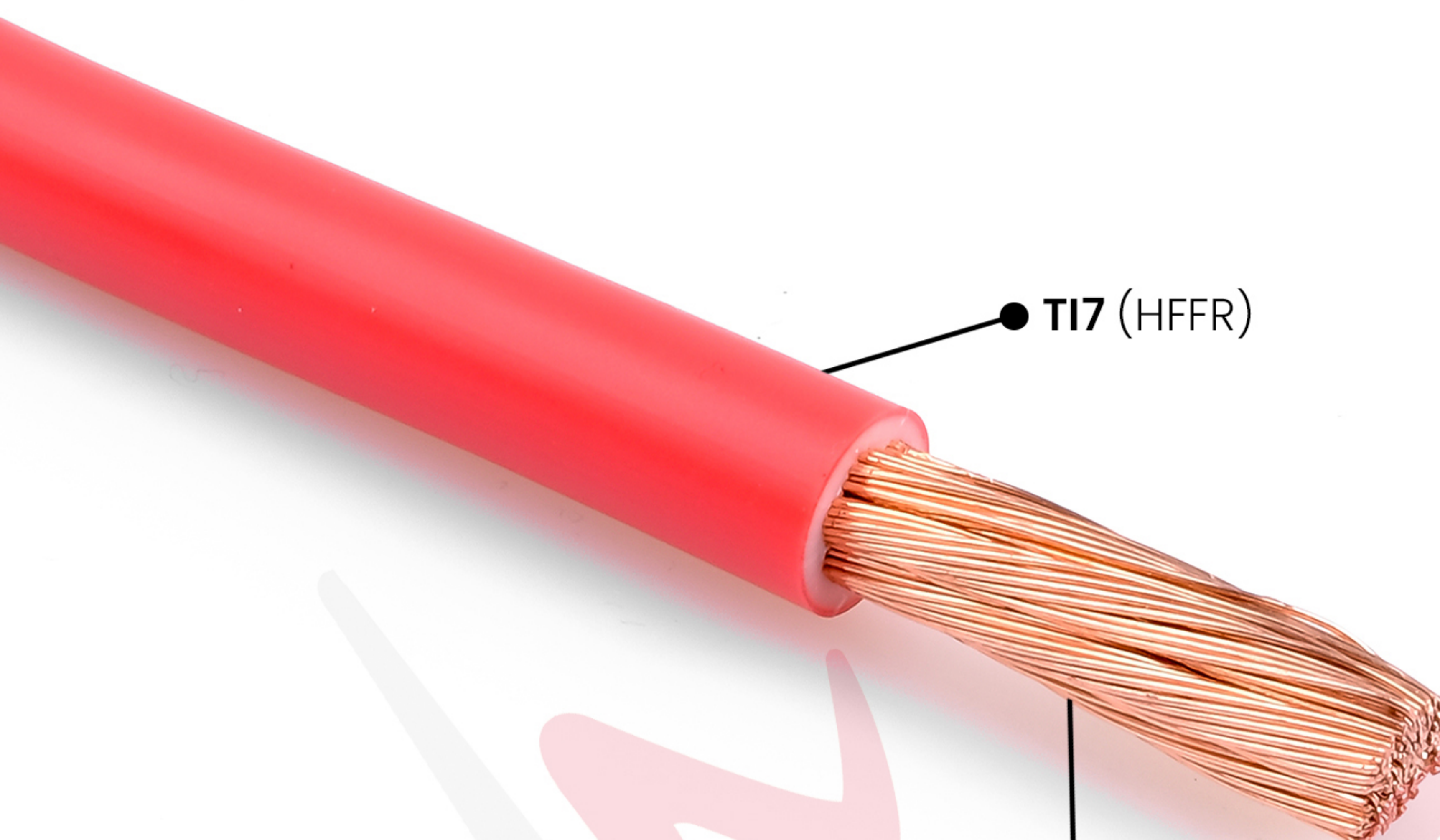


H05Z1-K / H07Z1-K

LOW SMOKE HALOGEN FREE FLEXIBLE SINGLE CORE CABLES



TI7 (HFFR)

Class 5 Flex Copper



TYPE: H05Z1-K / H07Z1-K

STANDARDS: TS EN 50525-3-31

TECHNICAL DATA:

Max. Operating Temperature: +70°C

Rated Voltage:

300/500 V (H05Z1-K) 450/750 V (H07Z1-K)

Declared Performance:

Dca-sla,d0,dl (EN 50575:2014/A1:2016)

Low Smoke Zero Halogen according to
IEC/EN 61034-2

Flame Retardant according to IEC/EN 60332-1-2

CONSTRUCTION:

CONDUCTOR

EN 60228 Class 5 Flex Copper

INSULATION

TI7 (HFFR)

APPROVALS:



UK
CA CE



H05Z1-K / H07Z1-K

SIZE (mm ²)	MEAN OVERALL DIAMETER (mm)	CURRENT CARRYING CAPACITY (A)	CONDUCTOR RESISTANCE (Ohm/km)	APPROXIMATE WEIGHT (kg/km)
H05Z1-K				
1x0.5	2.2	6	39	9
1x0.75	2.4	16	26	11,5
1x1	2.6	20	19.5	15
H07Z1-K				
1x1.5	3	24	13.3	23
1x2.5	3.6	32	7.98	35
1x4	4.2	42	4.95	50
1x6	4.7	54	3.3	71
1x10	6.7	73	1.91	119
1x16	8.1	98	1.21	178
1x25	9.6	128	0.78	275
1x35	11	158	0.554	375
1x50	13.5	197	0.386	535
1x70	15	244	0.272	730
1x95	17.5	293	0.206	900
1x120	19.4	345	0.161	1230
1x150	22.1	390	0.129	1500
1x185	24.2	448	0.106	1685
1x240	25.9	528	0.0801	2194

APPLICATION

It is suitable for use in hotels, schools, high-rise buildings, hospitals, data processing centers, business centers where people are concentrated and fire sensitive areas. Low smoke emission in case of fire.

REGULATORY COMPLIANCE

This cable is compliant with European Regulation EN 50575, the Construction Products Regulation.



CORE IDENTIFICATION

Core Color: Black, Brown, Grey, Blue, Green/Yellow and all colors