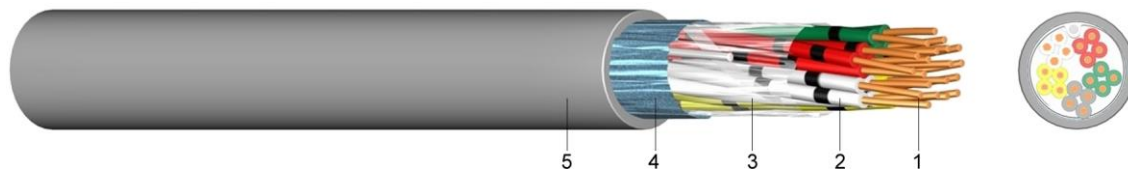




## J-H(ST)H...Bd Halogenfree Telecommunication Cable

**Application:** These installation cables are suitable for fixed installations in telecommunication and are to be used in locations with fire hazard to reduce damage in case of fire.



**Construction:**

- 1 ..... solid bare copper
- 2 ..... core insulation of halogen-free polymer (HI 2)
- 3 ..... layer of foil
- 4 ..... static screen of plastic coated aluminium foil with drain wire
- 5 ..... outer sheath of halogen-free polymer (HM 2), grey, Flame retardant

**Information:** Cores twisted to star-quads, 5 quads a unit, unit to layers.  
Layer identification with coloured tapes.

**Standards:** according to DIN VDE 0815 (core identification)  
DIN EN 60228 class 1 (construction)  
DIN VDE 0207-24

**Technical data:**

Peak operating voltage		[V]	300 Volt
Temperature range	in motion		- 5°C till +50°C
	fixed		-30°C till +70°C
Bending radius	in motion	x diameter	7,5
Flammability	standard		EN 50266-2-4 IEC 60332-3 Kat.C

Number of pairs and nominal conductor diameter mm	from stock	Copper figure kg/km	Insulation thickness mm	Overall diameter appr. mm	Calorific potential kWh / m	Weight appr. kg / km
2 x 2 x 0,6	●	13	1,0	6,0	0,17	49
4 x 2 x 0,6	●	24	1,0	8,6	0,29	82
6 x 2 x 0,6	●	36	1,0	9,0	0,34	99
10 x 2 x 0,6	●	59	1,0	10,4	0,44	135
20 x 2 x 0,6	●	116	1,0	12,8	0,69	223
30 x 2 x 0,6	○	172	1,0	14,9	0,92	306
40 x 2 x 0,6	○	228	1,0	16,7	1,14	386
50 x 2 x 0,6	○	285	1,4	18,7	1,45	485
80 x 2 x 0,6	○	455	1,4	22,6	2,10	723
100 x 2 x 0,6	○	568	1,6	25,2	2,62	902
1 x 2 x 0,8	○	11	1,0	6,5	0,15	60
2 x 2 x 0,8	●	25	1,0	6,8	0,22	66
4 x 2 x 0,8	●	41	1,0	9,9	0,37	113
6 x 2 x 0,8	●	62	1,0	10,4	0,43	141
10 x 2 x 0,8	●	103	1,2	12,2	0,60	200
20 x 2 x 0,8	●	203	1,4	15,5	0,95	342



Number of pairs and nominal conductor diameter mm	from stock	Copper figure kg/km	Insulation thickness mm	Overall diameter appr. mm	Calorific potential kWh / m	Weight appr. kg / km
30 x 2 x 0,8	○	304	1,4	18,5	1,38	496
40 x 2 x 0,8	○	404	1,4	20,8	1,73	632
50 x 2 x 0,8	○	505	1,6	22,7	2,05	764
60 x 2 x 0,8	○	606	1,6	24,9	2,48	920