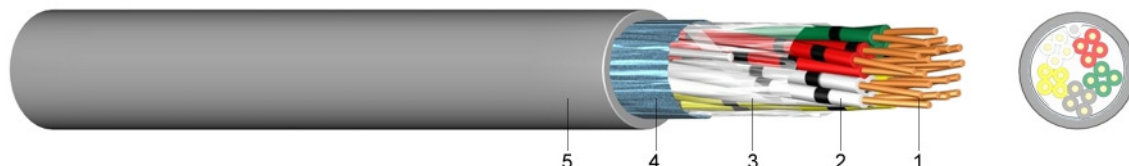


J-H(ST)H...Bd Halogen-Free and Flame Retardant Telecommunication Cable

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

Information:

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

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 fixed		- 5°C till +50°C -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	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
100 x 2 x 0,6	568	1,6	25,2	2,62	902
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
30 x 2 x 0,8	304	1,4	18,5	1,38	496

Datasheet

Version 1/2009

Number of pairs and nominal conductor diameter mm	Copper figure kg/km	Insulation thickness mm	Overall diameter appr. mm	Calorific potential kWh / m	Weight appr. kg / km
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