



Construction:

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|--------------------|--|
| 1. Conductor | : solid copper 0,6 mm or 0,8 mm Ø . |
| 2. Core Insulation | : halogen free polymer compound. |
| 3. Stranding | : 4 conductors form a star quad, 5 quads for a bundle and bundles are assembled in layers. |
| 4. Separator | : PETP-tape. |
| 5. Screen | : polyester-laminated alu tape with copper drain wire 0,6 mm or 0,8 mm Ø. |
| 6. Outer sheath | : halogen free polymer, grey. |

Properties:

- Fire retardant.
- Halogen free.
- No corrosive gases emitted.
- Low development of smoke.

Technical data and tests:

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|------------------------|---|
| Peak operating voltage | : 300 V. |
| Test voltage | : conductor/conductor and conductor/screen is 800 V at 50 Hz. |
| Temperature range | : fixed: -5° C till +50° C.
mobile: -30° C till +70° C. |
| Bending radius | : 7,5 x diameter. |
| Laying temperature | : -5° C...+50° C. |

Standards:

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|----------------|-------------------------------------|
| Cable standard | : DIN VDE 0815. |
| Fire retardant | : EN 50266-204, IEC 60332-3 cat. C. |
| Conductor | : DIN EN 60228 class 1. |

Applications:

These halogen-free cables are used for signal, data communications and application for telecommunication as fixed indoor installations. Furthermore, the screen provides protection against external pulses. These cables are used in schools, airports, hospitals, etc and in environments which must have no corrosive gases emitted in the event of fire. These cables should not be used for power installation purposes and direct burial. In case of fire, these cables inhibit the propagation of the flames and the development of smoke is extremely low.





HALLEY CABLES

J-H(St)H...Bd
Halogen free, fire retardant telecommunication
cable, max. 300 V.

www.halleycables.com

DIMENSIONS

No 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
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

Any other sizes available on request.

J-H(St)H...Bd

