

# FRNC communication cable J-H(St)H acc. to VDE 0815

<b>conductor material:</b>	bare copper
<b>insulation:</b>	FRNC compound HI1
<b>screen:</b>	Plastic coated Al-foil + drain wire
<b>drain wire:</b>	yes
<b>sheathing material:</b>	FRNC-compound HM1
<b>flame retardant:</b>	VDE 0482-266-2-4/IEC 60332-3-24
<b>Halogen free:</b>	DIN EN 50267/IEC 60754
<b>Smoke density:</b>	DIN EN 61034/IEC 61034
<b>max. operating temperature, fixed:</b>	-5 - +50 °C
<b>nominal voltage U:</b>	300 V
<b>test voltage:</b>	800 V
<b>operating capacity:</b>	120 nF/km

**Application:** Low Smoke Zero Halogen communication cable. For connection of communication units indoors in wet and dry rooms on and under plaster. For outdoor installation the cable must be protected against direct sun irradiation.

### Stranding:

4 cores twisted into star-quads, 5 star-quads stranded into one sub-unit, sub-units layed up in layers

### Core identification:

The star-quads of each bunch are continuous: red, green, grey, yellow, white

The cores within one star-quad are marked by rings:

a-wire 1: without ring

b-wire 1: one ring, wide spaced

a-wire 2: double ring, wide spaced

b-wire 2: double ring, narrow spaced



The products and information presented here are for technical calculation only. They are subject to technical progress and in no way represent the ability of shipment. Outer diameters are approximately.

table: technical data J-H(ST)H

Art.-Nr.	part name	DA [mm]	G [kg/km]	CU	Art.-Nr.	part name	DA [mm]	G [kg/km]	CU
100294	J-H(St)H...BD 02X2X0,6 GR	5,5	49	14	100305	J-H(St)H...BD 02X2X0,8 GR	7	69	25
100295	J-H(St)H...BD 04X2X0,6 GR	6,8	92	25	100306	J-H(St)H...BD 04X2X0,8 GR	9	136	45
100296	J-H(St)H...BD 06X2X0,6 GR	7,5	101	37	100307	J-H(St)H...BD 06X2X0,8 GR	10,5	152	65
100297	J-H(St)H...BD 10X2X0,6 GR	9	146	59	100308	J-H(St)H...BD 10X2X0,8 GR	13	230	106
100298	J-H(St)H...BD 20X2X0,6 GR	11	310	116	100309	J-H(St)H...BD 20X2X0,8 GR	16,5	508	206
100299	J-H(St)H...BD 30X2X0,6 GR	13	352	172	100310	J-H(St)H...BD 30X2X0,8 GR	20	599	307
100300	J-H(St)H...BD 40X2X0,6 GR	15	464	229	100311	J-H(St)H...BD 40X2X0,8 GR	22,5	787	407
100301	J-H(St)H...BD 50X2X0,6 GR	17	573	286	100312	J-H(St)H...BD 50X2X0,8 GR	25,5	973	508
100302	J-H(St)H...BD 60X2X0,6 GR	18	661	342	100314	J-H(St)H...BD 60X2X0,8 GR	28	1121	608
100303	J-H(St)H...BD 80X2X0,6 GR	20,5	876	455	100313	J-H(St)H...BD 80X2X0,8 GR	31	1476	809
100304	J-H(St)H...BD 100X2X0,6 GR	23	1056	568	100315	J-H(St)H...Bd 100X2X0,8 GR	32	1805	1010