

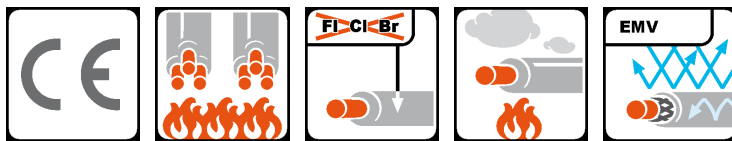
Screened FRNC installation wire (N)HXMH(St)-J



conductor material:	bare copper
insulation:	XLPE 2X11
screen:	foil
drain wire:	yes
sheathing material:	FRNC-compound HM2
colour of outer sheath:	gray RAL 7035
flame retardant:	VDE 0482-266-2-4/IEC 60332-3-24 (Kat. C)
smoke density:	DIN EN 61034/IEC 61034
halogen free:	DIN EN 50267/IEC 60754
maximum temperature at conductor:	70 °C

nominal voltage U₀:	300 V
nominal voltage U:	500 V
test voltage:	2 kV
core identification:	colours acc. VDE 0293 (HD308)

Application: Flame retardant building wire, for installation on and under plaster in dry and wet rooms, as well as in concrete. The cable is screened to limit the the propagation of electromagnetic field of the conductors. It is designed for application in EMC-sensible environments as hospitals, data processing facilities, laboratories but also in living rooms.



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 characteristics (N)HXMH(St)-J

p/n	part name	R _l [Ω/km]	I _{bl} [A]	D _A [mm]	Cu [kg/km]	G [kg]
020283	(N)HXMH(St)-J 03X1,5/1,5 RE GR	12,1	14	9,5	48	168
020284	(N)HXMH(St)-J 03X2,5/1,5 RE GR	7,41	18	9,8	77	209
020285	(N)HXMH(St)-J 04X1,5/1,5 RE GR	12,1	14	9,6	63	192
020286	(N)HXMH(St)-J 05X1,5/1,5 RE GR	12,1	14	10,3	77	220
020287	(N)HXMH(St)-J 05X2,5/1,5 RE GR	7,41	18	11,3	125	282
020297	(N)HXMH(St)-J 05X4/1,5 RE GR	4,61	24	15,1	206	393
020331	(N)HXMH(St)-J 05X6/1,5 RE GR			15,2	293	402
020306	(N)HXMH(St)-J 07X1,5/1,5 RE GR	12,1	14	12,1	107	310

RI	conductor resistance
Ibl	ampacity (in air)
DA	outer diameter
Cu	copper
G	weight