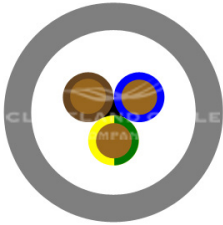


NHXMH-J LSZH WIRING CABLE



APPLICATION

LZSH wiring cable, Indoor and outdoor use, suitable for industrial or domestic applications and designed for dry, moist or wet areas i.e. under plaster and in concrete. Not suitable for exposure to direct sunlight.

CABLE STANDARDS

VDE0250-214

BS EN 60332-3-24

CONSTRUCTION

Up to 10mm²: Solid copper (Class 1)

16mm²: Stranded copper (Class 2)

Insulation: XLPE

Filler: Halogen free compound

Sheath: Halogen free thermoplastic polymer compound

Sheath Colour: Grey

CHARACTERISTICS

Voltage Rating: 300/500 Volts

Temperature Limits: -10°C to +70°C

Minimum Bending Radius: As per cable manufacturer datasheet

CORE IDENTIFICATION

2 Core: Brown Blue

3 Core: Brown Blue Green/Yellow

4 Core: Brown Black Grey Green/Yellow

5 Core: Brown Black Grey Blue Green/Yellow

7 core and above: 1 White with Black Numbers

Should not be installed below 0°C

NHXMH-J LZSH - CABLE DIMENSIONS

CCC CODE	CONDUCTOR SIZE (MM ²)	STRANDING (MM)	NO OF CORES	WEIGHT (KG/KM)	OVERALL DIAMETER (MM)
NHXMHJ3X1/5LSF	1.5	1/1.38	3	120	9.9
NHXMHJ4X1/5LSF	1.5	1/1.38	4	140	10.7
NHXMHJ5X1/5LSF	1.5	1/1.38	5	170	11.5
NHXMHJ7X1/5LSF	1.5	1/1.38	7	210	12.6
NHXMHJ12X1/5LSF	1.5	1/1.38	12	415	16.8
NHXMHJ3X2/5LSF	2.5	1/1.78	3	165	11.4
NHXMHJ5X2/5LSF	2.5	1/1.78	5	245	13.3
NHXMHJ3X4LSF	4	1/2.25	3	240	13.0
NHXMHJ5X4LSF	4	1/2.25	5	370	16.0
NHXMHJ3X6LSF	6	1/2.76	3	330	14.7
NHXMHJ5X6LSF	6	1/2.76	5	406	17.5
NHXMHJ3X10LSF	10	1/3.56	3	510	17.7
NHXMHJ5X10LSF	10	1/3.56	5	770	21.3

NHXMH-J LZSH CABLE – CARRYING CAPACITY (AMPERES)

NOMINAL CROSS SECTIONAL AREA (MM ²)	IN THERMAL INSULATED WALLS		IN INSULATED TUBES ON A WALL		ON A WALL		WITH A SPACE OF MINIMUM 0.3 X DIAMETER TO WALL	
	2 LOADED CORES AMPS	3* LOADED CORES AMPS	2 LOADED CORES AMPS	3* LOADED CORES AMPS	2 LOADED CORES AMPS	3* LOADED CORES AMPS	2 LOADED CORES AMPS	3* LOADED CORES AMPS
1.5	15.5	13	16.5	15	19.5	17.5	22	18.5
2.5	18.5	17.5	23	20	27	24	30	25
4	25	23	30	27	36	32	40	34
6	32	29	38	34	46	41	51	43
10	43	39	52	46	63	57	70	60
16	57	52	69	62	85	76	94	80

NHXMH-J LZSH CABLE VOLTAGE DROP

NOMINAL CROSS SECTIONAL AREA (MM ²)	TWO CORE CABLE DC MV/A/M	TWO CORE CABLE SINGLE PHASE AC MV/A/M	THREE OR FOUR CORE CABLE THREE PHASE AC MV/A/M
1.5	31	31	27
2.5	19	19	16
4	12	12	10
6	7.9	7.9	6.8
10	4.7	4.7	4
16	2.9	2.9	2.5

THE ABOVE IS IN ACCORDANCE WITH 18TH EDITION OF IET WIRING REGULATIONS

THE INFORMATION CONTAINED WITHIN THIS DATASHEET IS FOR GUIDANCE ONLY AND IS SUBJECT TO CHANGE WITHOUT NOTICE OR LIABILITY. WE BELIEVE THE INFORMATION IS CORRECT AT THE TIME OF PUBLICATION. PLEASE NOTE WHEN SELECTING CABLE ACCESSORIES THAT ACTUAL CABLE DIMENSIONS MAY VARY DUE TO MANUFACTURING TOLERANCES.