

# HFFR INSULATED SINGLE CORE FLEXIBLE WIRE MX SWITCHBOARD WIRE



### CONDUCTOR

IEC 60228 Class 5 Tinned or Plain Copper

### VOLTAGE RATING

600/1000V

### INSULATION

IEC 60092-351 Cross-Linked HFFR Compound

### TEST VOLTAGE

3500V AC

### INSULATION COLOR

Black; Other colors on request

### TEMPERATURE RATING

-40°C ~+90°C

### INSULATION RESISTANCE

500 MΩxKm

### STANDARDS

Flame Retardant Test : IEC 60332-1-2, IEC 60332-3-22 (CAT A)  
 Smoke Density : IEC 61034-2  
 Corrosiveness of  
 Combustion Gases Test : IEC 60754-2  
 Halogen Free Test : IEC 60754-1

### BENDING RADIUS

4 x Cable Ø

### APPLICATION

For fixed wiring in switchboards, control panels and other enclosures.

### DESIGN STANDARDS

IEC 60092-350, IEC 60092-351, IEC 60092-353

No. of Cores x Nominal Cross Sectional Area	Overall Diameter	Copper Weight Approx.	Net Weight Approx.	Current Rating	Min. Bending Radius	Standard Length
n x mm <sup>2</sup>	mm	kg/km	kg/km	A	mm	mtr
1 x 0.50	2.10	4.60	10.00	6	8	100
1 x 0.75	2.50	7.20	14.50	14	10	100
1 x 1.00	2.70	9.50	18.00	17	11	100
1 x 1.50	2.90	14.00	22.00	22	12	100
1 x 2.50	3.60	23.00	35.00	29	14	100
1 x 4.00	4.10	37.00	51.00	37	16	100
1 x 6.00	4.70	55.00	76.00	51	19	100
1 x 10.0	6.00	92.00	123.00	71	24	100
1 x 16.0	7.50	147.00	179.00	94	30	100
1 x 25.0	9.00	230.00	275.00	125	34	100
1 x 35.0	10.00	322.00	380.00	156	36	-
1 x 50.0	11.80	460.00	410.00	195	40	-
1 x 70.0	13.60	644.00	750.00	240	48	-
1 x 95.0	16.60	874.00	1010.00	292	54	-
1 x 120.0	18.00	1104.00	1280.00	339	67	-
1 x 150.0	20.10	1380.00	1570.00	388	62	-
1 x 185.0	22.00	1702.00	1940.00	443	89	-
1 x 240.0	26.00	2208.00	2510.00	522	105	-