



## TOXFREE ZH MX Switchboard Wiring

Flexible, Halogen Free 90 Degree Cable for electrical panel wiring

CONSTRUCTION	
Conductors	Electrolytic annealed copper conductor Class 5 (Flexible) according to IEC 60228
Insulation	Halogen Free Thermosetting Flexible Rubber, type HF 90 acc. IEC 60092-360
Voltage	0.6/1 kV
Bend Radius	4 x cable diameter
Standards	IEC 60092-360, IEC 60332-1, IEC 60332-22, IEC 60754-1, IEC 60754-2, IEC 61034, <HAR>, RoHS, CE Approved, DNV Marine Approval

PROPERTIES	
Environmental Resistance	Acceptable resistance to chemicals/oils
Fire Performance	Flame retardant IEC 60332-1 (non-propagation), Fire non-propagation IEC 60332-22, LSZH IEC 60754-1
Emissions	Low corrosive gases emission IEC 60754-2, Low smoke emission IEC 61034
Temperature Range	-40C to + 90C
Maximum	Max. Short circuit temperature 250C (5 sec.)

PACKAGING	
Roll Lengths	100M packets
Cable Marking	TOP CABLE TOXFREE ZH H07Z-K 450/750 V nXs mm2 AENOR <HAR> EN 50525-3-41 // MX 0,6/1 kV nXs mm2 IEC 60092-353 IEC 60332-3-22 // 90C DOP TCO40 Dca-s2,d2,a1 MADE IN SPAIN XXXXX aaaa meTER // Logo AENOR,

Cross-section mm2	Overall Diameter	Max amps *	Voltage drop (V/A -km)	Weight (kg/km)
1.5	2.9	20	29.5	20
2.5	3.6	26	17.7	30
4	4.1	37	11	45
6	4.7	48	7.32	60

Product Code	Size & Colour
MX.1.5.BLA	TOXFREE ZH MX E Dca RL100 0,6/1kV 1x1,5 BLACK
MX.1.5.BLU	TOXFREE ZH MX E Dca RL100 0,6/1kV 1x1,5 BLUE
MX.1.5.BRO	TOXFREE ZH MX E Dca RL100 0,6/1kV 1x1,5 BROWN
MX.1.5.GRY	TOXFREE ZH MX E Dca RL100 0,6/1kV 1x1,5 GREY
MX.1.5.RED	TOXFREE ZH MX E Dca RL100 0,6/1kV 1x1,5 RED
MX.1.5.WHI	TOXFREE ZH MX E Dca RL100 0,6/1kV 1x1,5 WHITE
MX.2.5.BLA	TOXFREE ZH MX E Dca RL100 0,6/1kV 1x2,5 BLACK
MX.2.5.BLU	TOXFREE ZH MX E Dca RL100 0,6/1kV 1x2,5 BLUE
MX.2.5.BRO	TOXFREE ZH MX E Dca RL100 0,6/1kV 1x2,5 BROWN
MX.2.5.GRY	TOXFREE ZH MX E Dca RL100 0,6/1kV 1x2,5 GREY
MX.2.5.RED	TOXFREE ZH MX E Dca RL100 0,6/1kV 1x2,5 RED
MX.2.5.WHI	TOXFREE ZH MX E Dca RL100 0,6/1kV 1x2,5 WHITE
MX.4.BLA	TOXFREE ZH MX E Dca RL100 0,6/1kV 1x4 BLACK
MX.4.BLU	TOXFREE ZH MX E Dca RL100 0,6/1kV 1x4 BLUE
MX.4.BRO	TOXFREE ZH MX E Dca RL100 0,6/1kV 1x4 BROWN
MX.4.GRY	TOXFREE ZH MX E Dca RL100 0,6/1kV 1x4 GREY
MX.4.RED	TOXFREE ZH MX E Dca RL100 0,6/1kV 1x4 RED
MX.4.WHI	TOXFREE ZH MX E Dca RL100 0,6/1kV 1x4 WHITE
MX.6.BLA	TOXFREE ZH MX E Dca RL100 0,6/1kV 1x6 BLACK
MX.6.BLU	TOXFREE ZH MX E Dca RL100 0,6/1kV 1x6 BLUE
MX.6.BRO	TOXFREE ZH MX E Dca RL100 0,6/1kV 1x6 BROWN
MX.6.GRY	TOXFREE ZH MX E Dca RL100 0,6/1kV 1x6 GREY
MX.6.RED	TOXFREE ZH MX E Dca RL100 0,6/1kV 1x6 RED
MX.6.WHI	TOXFREE ZH MX E Dca RL100 0,6/1kV 1x6 WHITE