

TOPFLEX EARTH

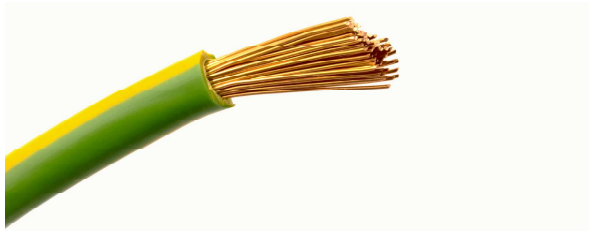
Super Flex Green/Yellow insulated wire for earthing connections

CONSTRUCTION	
Conductors	Electrolytic annealed copper conductor Class 5 (Flexible) according to IEC 60228
Insulation	Extra slide flexible PVC (High service temperature) T13 Class 43 UL 1581
Outer jacket	Green/Yellow RAL 6018/1021
Voltage	0.6/1 kV
Bend Radius	5 x cable diameter
Standards	UL 758, CSA C22.2, IEC 60332-1, IEC 60228, <HAR>, UL Listed, RoHS, CE, CPR (Construction Products Regulation)

PROPERTIES	
Water resistance	AD3 Sprays
Environmental Resistance	Acceptable resistance to chemicals/oils
Fire Performance	Flame retardant IEC 60332-1 Non propagation VW-1, FT1 & FT2 acc. to UL 2556, CPR: Eca
Temperature Range	-40C to + 90C/105C
Maximum	Max. Short circuit temperature 160C (5 sec.)

APPLICATIONS	
Grounding and earthing connections	
Installation for safety requirement or separate earthing systems	
Internal wiring of electrical cabinets, switchboards, electrical devices.	
In conduit/flexible motor ducts, transformers and machinery.	
Industrial use and electrical panel wiring	
Separate earthing cable used in buildings and power palls	

PACKAGING	
Roll Lengths	100M and Cut to length >6mm (no cutting charge)
Cable Marking	TOPFLEX MS TRI-RATED H07V2-K 1X10 AENOR <HAR> DOP TC019 Eca / TOPFLEX MS 8 AWG 105C AWM 1 A/B 600 V FT1 CR/US AWM STYLE 1028 600V VW01 E-194780 CSA TEW FT1 / TOPFLEX MS H07V2-K 1X10 / TOPFLEX MS BS 6231 600/1000 V 10 SQMM HEAT RESISTING 90 4878
	Meter by Meter marking (from 10mm ² onwards)



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Product code	Cross-section mm ²	Overall Diameter	Max amps *	Voltage drop (V/A -km)	Weight (kg/km)
EC0.5GY	0.5	2.5	10	99.5	10
EC0.75GY	0.75	2.7	13	66.6	13
EC1.0GY	1	2.8	16	49.9	15
EC1.5GY	1.5	3.0	20	34	20
EC2.5GY	2.5	3.5	28	20.4	30
EC4.0GY	4	4.0	37	12.7	45
EC6.0GY	6	4.6	48	8.45	65
EC10GY	10	6.4	66	4.89	115
EC16GY	16	8.1	88	3.1	180
EC25GY	25	9.5	117	2.0	265
EC35GY	35	10.6	144	1.42	355
EC50GY	50	13.1	175	0.99	505
EC70GY	70	14.8	222	0.696	685