

# RALOS Halogen Free Flexible Earth Wires

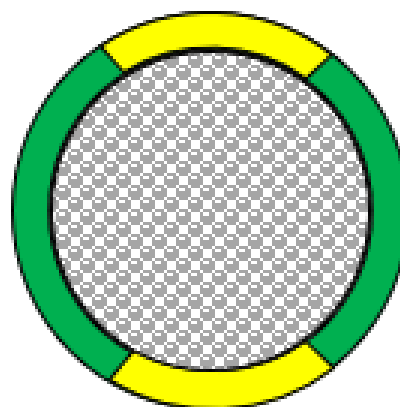
## Applications

Flexible single cable used in switchboards, locomotives and others electronic equipments for fixed application.

## Cable Construction

**Conductor** Tinned copper wire conductor standard to AS/NZS1125 class 6.

**Insulation** X-HF-110, color according to requirement.



## Mechanical and Electrical Properties

**Temperature Range:** -40 to +110°C.

**Rated Voltage:** 0.6/1KV.

**Min Bending Radius:** 6 X Cables Diameter.

## Additional properties

AS/NZS1125, AS/NZS3808, AS/NZS5000.1, IEC60332-1, IEC60332-3-22 (CAT A), IEC60754-1 & 2, IEC61034-2

Part No.	Description	Size	Diameter of Conductor	Thickness of Insulation	Overall Diameter	Approx. Weight	Max. 20°C D.C Conductor Resistance	Current Rating (Three Phase, Spaced)
		mm <sup>2</sup>	mm	mm	mm	kg/km	Ω/km	A
HF1X16GN/YW	16mm Flexible Green/Yellow	16	5.3	0.7	6.8	159	1.24	130
HF1X25GN/YW	25mm Flexible Green/Yellow	25	6.6	0.9	8.7	249	0.795	173
HF1X35GN/YW	35mm Flexible Green/Yellow	35	7.8	0.9	9.9	345	0.565	214
HF1X50GN/YW	50mm Flexible Green/Yellow	50	9.3	1.0	11.6	491	0.393	270
HF1X70GN/YW	70mm Flexible Green/Yellow	70	11.2	1.1	13.7	702	0.277	340
HF1X95GN/YW	95mm Flexible Green/Yellow	95	12.6	1.1	15.1	878	0.21	410
HF1X120GN/YW	120mm Flexible Green/Yellow	120	14.3	1.2	17.0	1114	0.164	487
HF1X150GN/YW	150mm Flexible Green/Yellow	150	15.8	1.4	18.9	1412	0.132	562
HF1X185GN/YW	185mm Flexible Green/Yellow	185	17.5	1.6	21.0	1687	0.108	644