Product Specification

Part No HB1500H56

Document No	/ Revision	Description	Created by	Revised by
1979158	00	Low noise 16AWG cable	Frank Luo 2026-10-27	
Customer Product No	/ Description		Inspection Plan HIP-G-402	

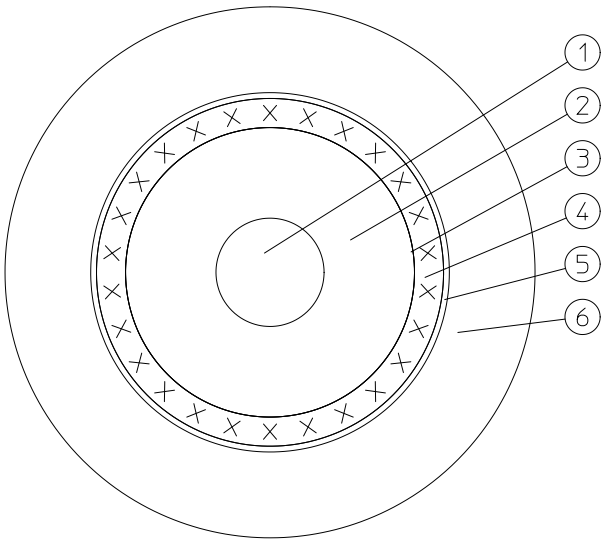
Intended Use	**Intended for use in low noise applications**	CE
Technical Data	**Values at +20° C (nominal data)**	**Unit**
Conductor Resistance	Max 15.8	Ω/km
Insulation Resistance	Min 1500	MΩ x km
Test Voltage	5	kV DC
Voltage rating	1500	V DC
Radiation tolerance	10^5	Gy
Weight	Approx.54	g / m
Temperature Rating	-40/+80	°C

Reference standards/specifications

All dimensions in mm, unless otherwise stated.

Pos	Description	Dimension	Overall Diameter	Remarks
1.	Tin plate copper conductor	16 AWG	1.36	19x0.29
2.	Insulation of HFI 150		2.90	
3.	Semi conductive carbon layer		2.92	
4.	Braid of tin plated copper	Wire 0.13	3.5	Min coverage 95%
5.	Binder		3.7	
6.	Jacket of HF80T, Black		5.7	

Jacket marking with meter indication in contrasting colour, intervals of 1,0 m ±0,02 m:
CSNS – GRV2P-5kV - YYYY-Www - batchcode - L
YYYY-Www to be replaced with year and week of manufacture.
Batch code to be replaced with manufacturers traceability code
L indicates continuous meter marking and is replaced with actual length.



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