Product Specification

Part No HB1856A1500V

Document No	/ Revision	Description	Created by	Revised by
1976869	00	RG 59 Triax+16AWG-TW	Frank Luo 2026-10-20	
Customer Product No	/ Description		Inspection Plan HIP-G-402	

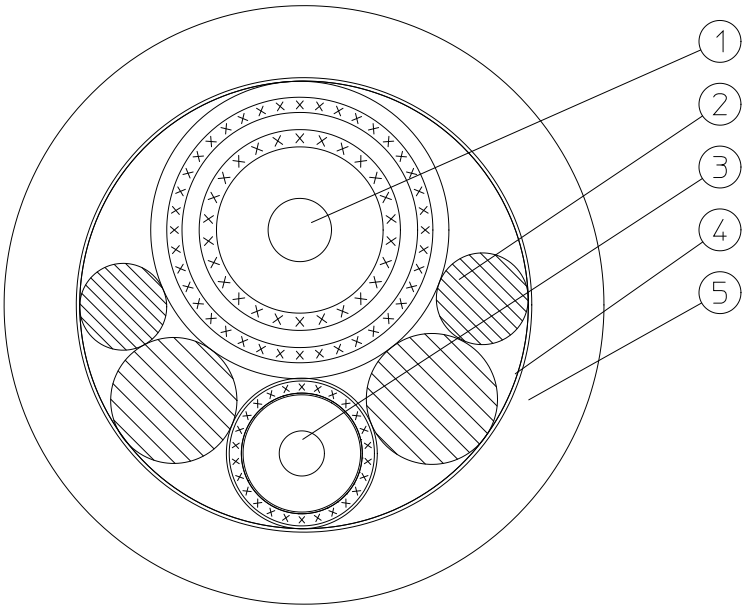
Intended Use	**Internal wiring or external interconnection of equipment**	CE
Technical Data	**Values at +20° C (nominal data)**	**Unit**
Conductor Resistance	16 AWG:15.8	Ω/km
Insulation Resistance	Min 1500	MΩ x km
Test Voltage	5	KV DC
Voltage Rating	1500	V DC
Impedance	RG 59 Triax:75	Ω
Radiation tolerance	16AWG wire:10^5	Gy
Weight	Approx. 300	g / m
Temperature Rating	-40/+80	°C

Reference standards/specifications

All dimensions in mm, unless otherwise stated.

Pos	Description	Dimension	Overall Diameter	Remarks
1.	RG 59 Triax	20 AWG	9.1	1x0.81
2.	Filler			
3.	16 AWG wire : Tin plate copper conductor Insulation of HFI 150 Semi conductive carbon layer Braid of tin plated copper Binder	 16 AWG Wire 0.13 	 1.36 2.90 2.92 3.5 3.7	 19x0.29 Min coverage 95%
4.	Binder		13.0	
5.	Jacket of HF80T, Black		16.0	

Jacket marking with meter indication in contrasting colour, intervals of 1,0 m ±0,02 m:
HBOSIT 1026-RG59 Triax+16AWG - 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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