



asl wire & cable

SOLAR CABLES



Manufacturers & Suppliers of Flame Retardant, Electrical building wires Automobile, Power, Armoured and special cables



www.asl.co.ke

DATASHEET

Solar photovoltaic cables are suitable for current transmission medium of solar energy power generation and applications where fire, smoke emissions, moisture, UV radiations and toxic fumes create a potential risk to life and equipment.

TECHNICAL SPECIFICATION



Construction:

- » As per H1Z2Z2-K European Standard & Kenya Standard IEC 62930
- » Conductor : Bare copper tinned IEC 60228 class 5 conductor.
- » Insulation : Zero halogen, low smoke, flame retardant polyolefin compound.
- » Sheathing : Zero halogen, low smoke, flame retardant polyolefin compound.

Thermal features:

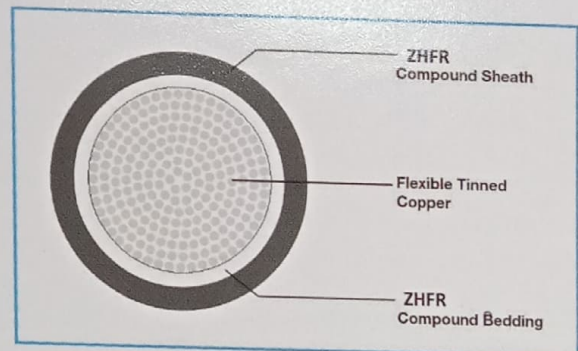
- » Temperature range : -40°C to +90°C
- » Maximum conductor temperature +120°C

Electrical Features:

- » Nominal voltage : AC- 0.6/1Kv, DC – 0.9/1.5Kv
- » Test Voltage : 6.5Kv

Special properties:

- » Weather and UV resistant
- » Resistant to acids alkaline and oils
- » Halogen free
- » Flame resistant



SINGLE CORE SIZE IN SQMM	OUTER DIA IN MM	APP WEIGHT KG PER KM	CURRENT CARRYING CAPACITY	CONDUCTOR RESISTANCE Ω/KM AT 20°C
2.5	4.5	43	42	8.20
4.0	5.1	59	54	5.09
6.0	6.0	85	77	3.41
10.0	6.9	120	98	1.93



Contacts:

FACTORY

Old Mombasa Road, Near Syokimau Railway Station, Mombasa Rd.
 P.O Box 18778, 00500, Nairobi, Kenya.
 Mobile: 0735 433-358 / 0719 767-149
 Email: info@aslcables.co.ke
 Website: www.asl.co.ke/wire-and-cable

SHOWROOM

ASL Trading TD-19,
 Lusaka Rd, Industrial Area, Nairobi, Kenya
 Mobile: 0719-767-149, Email: Sales@aslcables.co.ke