

**SUBMERSIBLE PUMP 600 VOLT
STEEL FLEX ARMORED METHANE CABLE**

INSULATION: XLPE INSULATION JACKET: PVC

OUTER JACKET: POLYETHYLENE

ARMOR: GALVANIZED STEEL WIRE

SIZES: 6 - 2 AWG

90°C WET/DRY



1.0 Applications:

- 1.1 Steel Wire Armored cable is integral filled to eliminate gas migration and is rated for use in Deep Well Submersible Methane Gas. Outer jacket is special black flame retardant PE type ST7 FR in accordance with IEC 60502-1.

2.0 Construction:

- 2.1 **Conductors:**
Class B stranded copper
- 2.2 **Insulation:**
Cross-linked polyethylene XLPE in accordance with IEC 60502-1.
- 2.3 **Bedding:**
PVC compound.
- 2.4 **Armor:**
Single layer of galvanized steel wires applied spirally over the bedding Serve Wire Armor (SWA).

2.5 Outer Jacket:

Black PVC type ST2 FR accordance to IEC 60502-1.

2.6 Core Identification:

HD 308 S2 or according to your order.

2.7 Maximum Conductor Operating Temperature:

+90°C

2.8 Lowest Installation Temperature:

0°C

2.9 Operation Temperature:

-30°C to +90°C

2.10 Maximum Short-Circuit Conductor Temperature:

+250°C

2.11 Flame Retardant:

IEC 60332-3C

2.12 Minimum Bending Radius:

6 x D cables with circular copper conductors D – overall diameter of the cable.

3.0 Physical:

PAIGE PART #	CONDUCTOR SIZE AWG	NUMBER OF INSULATED CONDUCTORS	GROUNDING CONDUCTOR SIZE AWG	INSULATION THICKNESS		INNER JACKET THICKNESS		NOMINAL STEEL WIRE ARMOR DIAMETER		NOMINAL OUTER JACKET THICKNESS		CABLE O.D.		CABLE WEIGHT	
				inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	LBS	KG
070012SWA	14	3	12	0.0299	0.76	0.0394	1.00	0.0492	1.25	0.0512	1.3	0.6102	15.5	1133	514
070036SWA	10	3	12	0.0299	0.76	0.0394	1.00	0.0492	1.25	0.0512	1.3	0.6890	17.5	1508	684
070056SWA	6	3	8	0.0449	1.14	0.0394	1.00	0.0492	1.25	0.0512	1.3	0.9173	23.3	2740	1243
070043SWA	4	3	8	0.0449	1.14	0.0472	1.20	0.0630	1.60	0.0512	1.3	1.0472	26.6	3938	1786