



नये दौर का  
नया ड्युक

PUMPS | MOTORS | CABLES | SOLAR PUMPS

# SUBMERSIBLE CABLES



An ISO 9001:2015 certified company

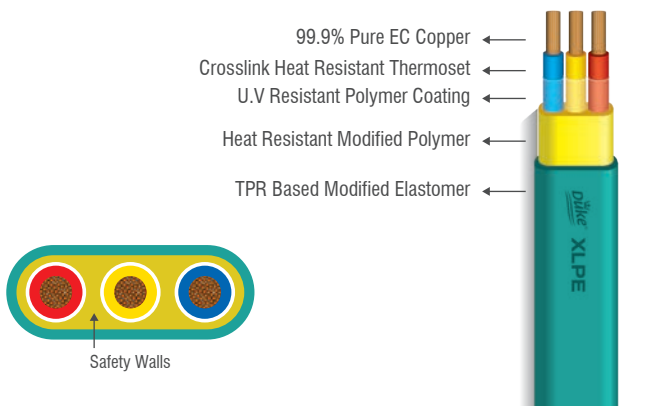


## CABLE SERIES



## Submersible Cables

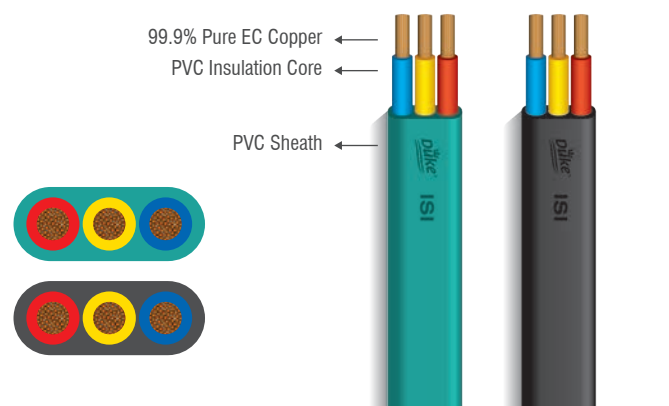
### Duke XLPE



#### Specification

- TPR Based Three core flat cables with modified Poly-Elastomer Sheathed.
- Operates in temperature ranging  $-40^{\circ}\text{C}$  to  $+95^{\circ}\text{C}$
- Used 99.9% pure EC Grade copper
- DUKE XLPE cable with High-Life performing insulation & sheath with low water absorption rate.
- Good weathering stability. TPR Insulated cable which is resistant to Ozone and U.V. rays.
- It has high current carrying capacity.
- Twin coated inner core for protection against U.V. Heat & Voltage Fluctuation
- Double sheathed. Fully protected inner core with safety walls to prevent water penetration and heat transfer to another core.

### Duke ISI



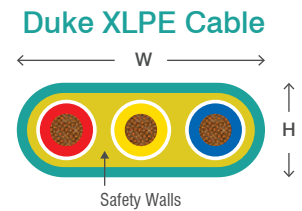
#### Specification

- Finely stranded bare flexible copper conductors having PVC insulation and PVC sheath.
- Temperature PVC- $-15^{\circ}\text{C}$  to  $+70^{\circ}\text{C}$
- Used 99.9% pure EC Grade copper
- DUKE ISI cables have excellent resistant to moisture, abrasion, grease, oil.
- Excellent mechanical & electrical properties.
- Copper EC Grade with high conductivity annealed and bunched copper.

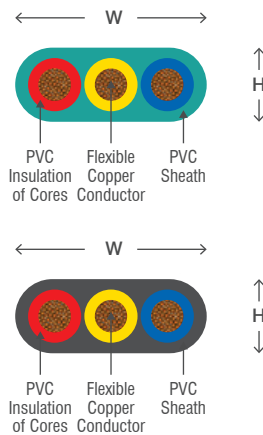
# CABLE SERIES

## Duke XLPE (International Standard)

Conductor		Insulation	Sheath	Conductor Resistance @ 20 °C (max) ohms/km.	W x H
Area sq. mm.	No. of Standars/ Dia. mm.	Thickness (Nom) mm.	Thickness (Nom) mm.		
1.0	14/0.3	0.6	0.9	18.1	10.80 X 4.60
1.5	22/0.3	0.6	0.9	12.1	11.40 X 4.90
2.5	36/0.3	0.7	1.0	7.41	14.20 X 5.90
4.0	56/0.3	0.8	1.1	4.95	16.20 X 6.60
6.0	84/0.3	0.8	1.1	3.30	18.50 X 7.60
8.0	112/0.3	1.0	1.2	-	20.60 X 8.40
10.0	140/0.3	1.0	1.2	1.91	22.90 X 9.20
16.0	226/0.3	1.2	1.3	1.21	30.0 X 11.40
25.0	354/0.3	1.2	1.5	0.780	37.50 X 14.70
35.0	495/0.3	1.2	1.6	0.554	41.50 X 16.20



## Duke ISI Cable



## (Duke ISI Cable) 3 Core Flat Cable (IS 694)

Conductor		Insulation	Sheath	Conductor Resistance @ 20 °C (max) ohms/km.	W x H
Area sq. mm.	No. of Standars/ Dia. mm.	Thickness (Nom) mm.	Thickness (Nom) mm.		
1.0	14/0.30*	0.60	0.90	18.10	10.0 X 4.70
1.5	22/0.30*	0.60	0.90	12.10	10.40 X 5.20
2.5	36/0.30*	0.70	1.00	7.41	12.90 X 6.10
4.0	56/0.30**	0.80	1.00	4.95	15.20 X 6.80
6.0	84/0.30**	0.80	1.10	3.30	17.40 X 7.60
10.0	140/0.30**	1.00	1.40	1.91	22.20 X 9.30
16.0	224/0.30**	1.00	1.40	1.21	28.0 X 11.40
25.0	350/0.30**	1.20	2.00	0.780	35.50 X 14.70
35.0	490/0.30**	1.20	2.00	0.554	39.50 X 16.20

Note: \* As per class 2 of IS:8130/1984  
 \*\* As per class 5 of IS:8130/1984

## Current Carrying Capacity

Size Sq. mm.	1.5	2.5	4.0	6.0	10.0	16.0	25.0	35.0
Duke ISI	14	18	26	31	42	57	72	90
Duke XLPE	19	27	35	43	60	75	92	120

# CABLE SERIES



## Submersible Cables

### Specification

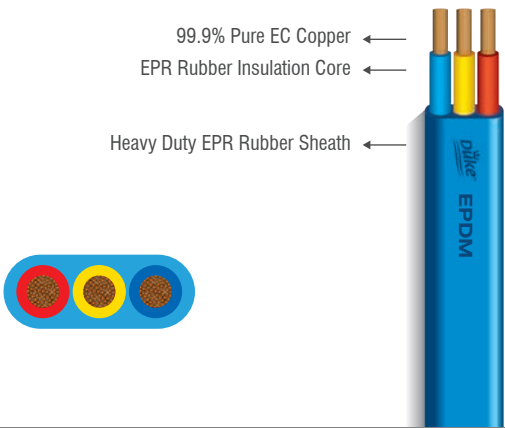
- Designed For Heavy Duty Use.
- Temperature Range -40 °C to +90 °C
- Excellent Resistant to Oils, Acids, Chemicals, Ozone & Solvents.
- Excellent Weather Resistant.
- Excellent Mechanical & Electrical Properties.

### Core Colours : 3 core



### Applications

- For continuous use in deep well to supply power to submersible motors for the depth upto 500 mtrs.



### Duke EPDM Rubber 3 Core Flat Cable (1100 Volts)

Conductor		Rubber Insulation		Rubber Sheath			Conductor Resistance @ 20 °C (max) ohms/km.	Current Rating @ 40 °C Amps.
Area sq. mm.	No. of Standars/ Dia. mm.	Thickness (Nom) mm.	Core Dia (Nom) mm.	Thickness (Nom) mm.	Approx. Overall Dimensions Height mm.	Width mm.		
1.50	22/0.30	0.80	3.25	1.15	6.20	12.80	12.10	23
2.50	36/0.30	0.90	3.80	1.15	6.40	14.60	7.41	30
4.00	56/0.30	1.00	4.50	1.15	7.40	16.80	4.95	34
6.00	84/0.30	1.00	5.25	1.15	8.00	18.70	3.30	43
10.00	140/0.30	1.00	6.50	1.40	9.90	23.70	1.91	61
16.00	224/0.30	1.00	8.00	1.40	11.80	28.00	1.21	81
25.00	350/0.30	1.20	10.10	2.00	14.70	35.50	0.780	108
35.00	490/0.30	1.20	11.30	2.00	16.80	39.50	0.554	135
50.00	703/0.30	1.40	13.30	2.20	18.30	45.50	0.386	170



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