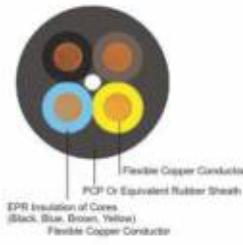




H07RN-F For Submersible Pump Cables - 450/750 V.

Features & Properties



Submersible Pump cables is a specialized product to be used for submersible pumps in a deep well. The area of installation is physically restrictive, and the environment is very hostile. Jainson is designed and manufactured keeping in mind these factors to achieve the highest possible degree of reliability

Technical Details :

Rubber Sheathed cable CENELEC HD 22.1.S2, DIN VDE 0282 PART 810, IEC 245, CEI 20-19 & BS 6007, BS 6899.

FEATURES & PROPERTIES :

- Designed for heavy duty use.
- Cur, tear & abrasion resistant.
- Exceptional long term performance.
- Excellent resistant to oils, chemicals, ozone & solvents.
- Excellent Impact Resistant.
- Excellent Weather Resistant.
- Performs & Looks like Vulcanize Rubber.
- Excellent Electrical Properties.
- Temperature range -40°C to +90°C

APPLICATION :

For continuous use in deep well to supply power to submersible pumps down to depths of 500 mtrs.

CONSTRUCTION :

- Conductor : Plain annealed flexible copper
- Insulation : EPR
- Sheath/Jacket : PCP Or Synthetic Rubber (Oil resistant & flame retardant)
- Core Colours : 3core : Brown, Blue & Green / Yellow
- 4core : Brown, Blue, Black & Green / Yellow

CE = The Product is confirmed with the EC to The Low Voltage Directive 2006/95/EC



RUBBER 3CORE ROUND CABLES FOR SUBMERSIBLE PUMPS (450/750 VOLTS)

CONDUCTOR		PVC INSULATION	TOTAL THICKNESS OF DOUBLE PVC SHEATH	
Nominal Area in	Nos. & Dia. of wire	Nominal Thickness	Mean Overall Diameter	
			Lower Limit	Upper Limit
Sq. mm.	Nos. / mm	mm	mm	mm
1.50	22 / 0.30	0.80	09.20	11.90
2.50	36 / 0.30	0.90	10.90	14.00
4.00	56 / 0.30	1.00	12.70	16.20
6.00	85 / 0.30	1.00	14.10	18.00
10.00	140 / 0.30	1.20	19.10	24.20
16.00	226 / 0.30	1.20	21.80	27.60
25.00	354 / 0.30	1.40	26.10	33.00
35.00	495 / 0.30	1.40	29.30	37.10
50.00	703 / 0.30	1.60	34.10	42.90
70.00	440 / 0.45	1.60	38.40	48.30
95.00	475 / 0.5 0	1.80	43.30	54.00

Note :

- The number of wires is approximate and wire diameter is nominal; they shall be such as to satisfy the requirements of conductor resistance as per Class 5 of IEC 60228 / DIN VDE 0295 / IS 8130 / BS 6360
- In view of continuous improvements in our design and process, specifications given here in are subject change without notice.



H07RN-F For Submersible Pump Cables - 450/750 V.

RUBBER 4CORE ROUND CABLES FOR SUBMERSIBLE PUMPS (450/750 VOLTS)

CONDUCTOR		PVC INSULATION	TOTAL THICKNESS OF DOUBLE PVC SHEATH	
Nominal Area in	Nos. & Dia. of wire	Nominal Thickness	Mean Overall Diameter	
			Lower Limit	Upper Limit
Sq. mm.	Nos. / mm	mm	mm	mm
1.50	22 / 0.30	0.80	10.20	13.10
2.50	36 / 0.30	0.90	12.10	15.50
4.00	56 / 0.30	1.00	14.00	17.90
6.00	85 / 0.30	1.00	15.70	20.00
10.00	140 / 0.30	1.20	20.90	26.50
16.00	226 / 0.30	1.20	23.80	30.10
25.00	354 / 0.30	1.40	28.90	36.60
35.00	495 / 0.30	1.40	32.50	41.10
50.00	703 / 0.30	1.60	37.70	47.50
70.00	440 / 0.45	1.60	42.70	54.00
95.00	475 / 0.5 0	1.80	48.40	61.00

Note :

- The number of wires is approximate and wire diameter is nominal; they shall be such as to satisfy the requirements of conductor resistance as per Class 5 of IEC 60228 / DIN VDE 0295 / IS 8130 / BS 6360
- In view of continuous improvements in our design and process, specifications given here in are subject change without notice.