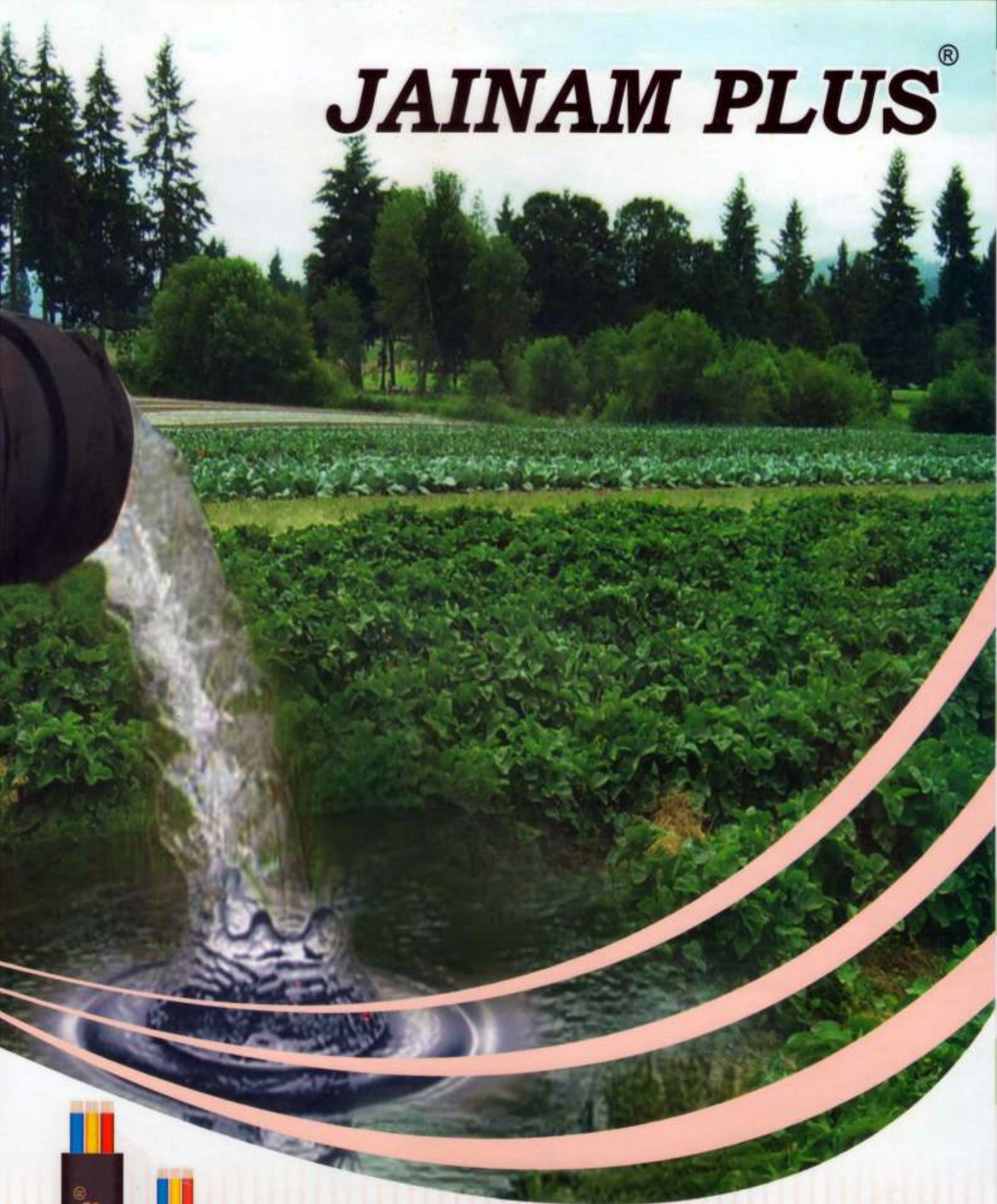


# JAINAM PLUS<sup>®</sup>



IS : 694



CM/L : 3606455

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## 3 Core Flat Cables as per IS 694: with ISI Mark

Conductor		Insulation	Sheath	Overall Dimensions		Conductor Resistance @20C (max) ohms/km	Current carrying capacity @40C Amps
Area Sq. mm	No. of strands/ Dia. mm	Thickness (Nom) mm	Thickness (Nom) mm	Width (Approx) 'W' mm	Height (Approx) 'H'		
1.5	22/0.3*	0.6	0.9	12.0	5.6	12.10	14
2.5	36/0.3*	0.7	1.0	14.0	6.6	7.41	18
4.0	56/0.3**	0.8	1.1	16.5	7.40	4.95	26

Note : The strand diameter is nominal. However, construction of conductor is designed to satisfy the requirement of conductor resistance as per IS 8130:1984.

\* As per Conductor Class 2 of IS 8130:1934. \*\* As per Conductor Class 5 of IS 8130 : 1984.

## 3 Core Flat Cables Generally Conforming to IS 694:1990

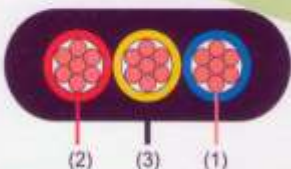
Conductor		Insulation	Sheath	Overall Dimensions		Conductor Resistance @20C (max) ohms/km	Current carrying capacity @40C Amps
Area Sq. mm	No. of strands/ Dia. mm	Thickness (Nom) mm	Thickness (Nom) mm	Width (Approx) 'W' mm	Height (Approx) 'H'		
6.0	84/0.3	1.0	1.10	18.7	7.9	3.30	31
10.0	140/0.3	1.0	1.40	23.7	9.9	1.91	42
16.0	226/0.3	1.0	1.40	28.0	11.4	1.21	57
25.0	354/0.3	1.2	2.00	35.5	14.7	0.780	72
35.0	495/0.3	1.2	2.00	39.5	16.2	0.554	90
50.0	703/0.3	1.4	2.20	45.5	18.3	0.386	115
70.0	360/0.5	1.4	2.20	51.0	20.0	0.272	143
95.0	475/0.5	1.6	2.40	60.0	23.5	0.206	165

Note : The number of wires and strand diameter will be such as to satisfy the requirements of conductor resistance



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### TECHNICAL DATA



1. Copper Conductor
2. PVC insulation of cores (Red, Yellow, Blue)
3. PVC Sheath (Black)







Flat Cable | Round Flexible Cable | House Wire : FR - FRLS & ZHFR

**Jinam**  
**Cables Industries**

(AN ISO 9001:2008 Certified Company)

Ahmedabad, Gujarat (India).

E-mail : [contact@jainamcables.com](mailto:contact@jainamcables.com)

Website : [www.jainamcables.com](http://www.jainamcables.com)