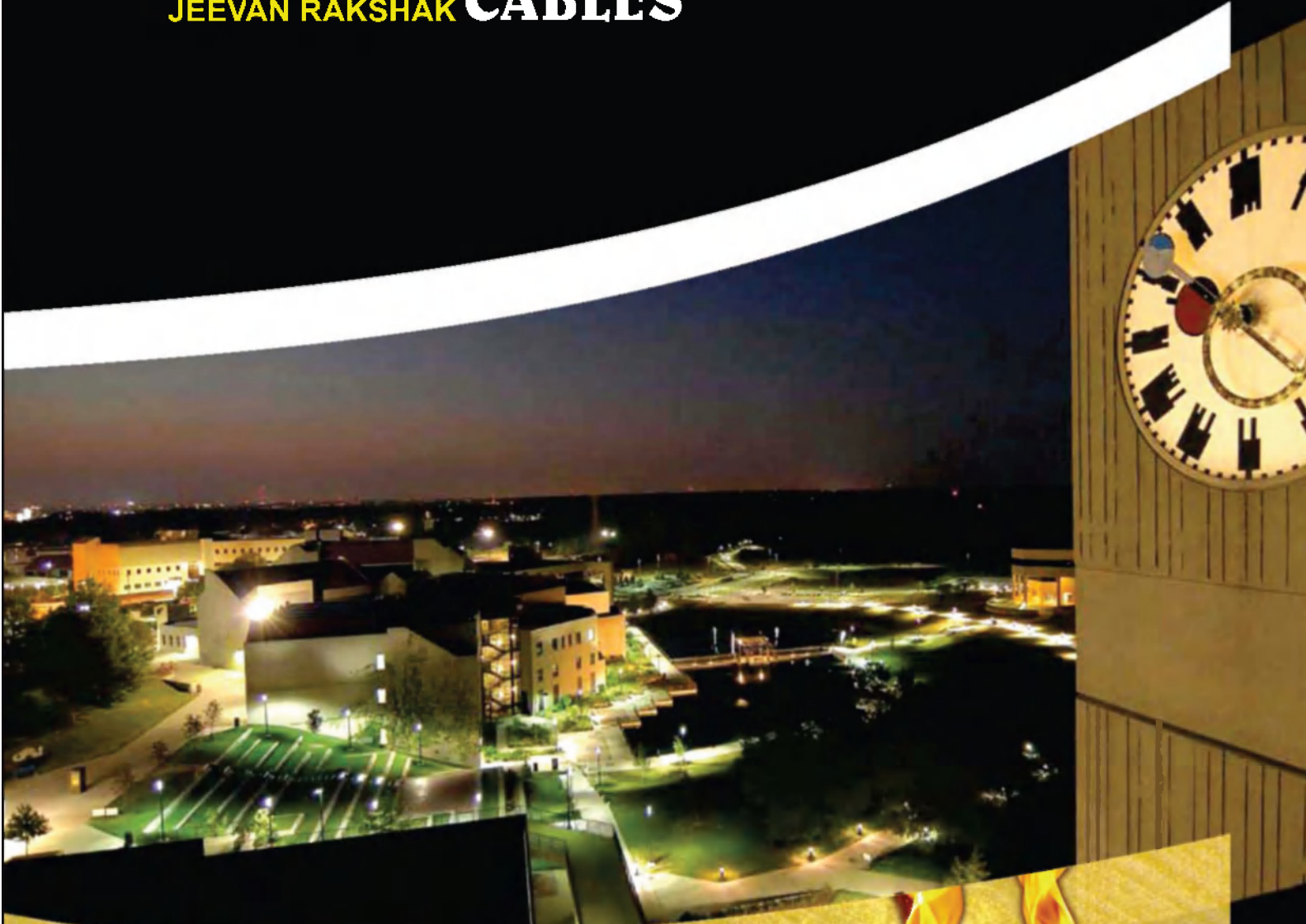


SIYARO[®]

JEEVAN RAKSHAK CABLES

FLAME RETARDANT
LOW SMOKE CABLE



102% CONDUCTIVITY



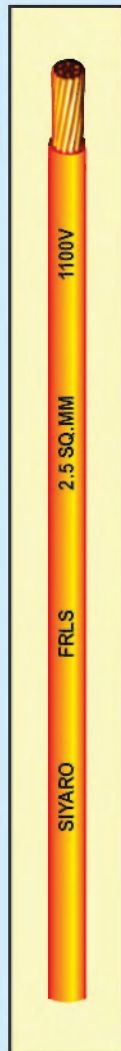
SIYARO®

JEEVAN RAKSHAK CABLES

Flame Retardant Low Smoke Cables

Siyaro FRLS cables are now a premium product. manufactured with 100% pure electrolytic grade bright annealed bare copper wires having 102% conductivity and insulated with specially formulated in house FRLSPVC compound with high insulation resistance as dielectric strength. The cables listed hereunder are manufactured to Specification IS : 694 : 1990 or other relevant National / International Specification for working voltage upto and including 1100V.

Flame Retardant Test (Bunched Cables) as per IEE 383 or IEC 60332



Single Core, Unsheathed Cables in Voltage grade 1100V						
Nominal area of Conductor Sq.mm.	Number/Nom. Dia of wire No./mm.	Thickness of Insulation (Nom.) mm.	Approx. Overall Diameter mm.	Current carrying capacity* 2 cables, single phase		Resistance (Max.) per Km. @ 20°C mm.
				In Conduit/ Trunking Amps.	Unenclosed clipped directly to a surface or on a cable tray Amps.	
1.0	14/0.3*	0.7	2.6	12	11	18.1
1.5	22/0.3*	0.7	2.9	16	13	12.1
2.5	36/0.3*	0.8	3.6	22	18	7.41
4.0	56/0.3**	0.8	4.0	29	24	4.95
6.0	84/0.3*	0.8	4.7	37	31	3.30

Standard Base Colours : Black, Red, Blue Yellow and green (for earthing), provided with orange or white strip on request Supplied in 180/270 metre lengths. Conform to IS 694 : 1990. ISI licence no. CM/L - 8190273

* As per conductor class 2 of IS : 8130/1984 **As per conductor class % of IS : 8130/1984

FEATURES				
Test	Function	Specification	Typical Values	
			Siyaro	Ordinary PVC Insulated wires
Critical Oxygen Index	To determine percentage of oxygen required for supporting combustion of insulating material at room temperature	ASTM-D 2863	More than 20%	23%
Temperature Index	To determine at what temperature normal oxygen content of 21% in air will support combustion of insulating material	ASTM-D 2863 & BCC Handbook Chp. No. 6	More than 250 C	150 C
Acid gas generation	To ascertain the amount of Hydrochloric acid gas evolved from insulation of wire under fire	IEC 60754 - 1	Less than 20%	45 - 50%

Other tests carried out are : Flammability test as per IEC 60332 - 1 and 694 : 1990

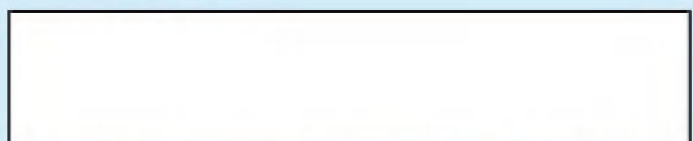


SIYARO®

JEEVAN RAKSHAK CABLES



MFG. BY :
NEELAM ELECTRICALS
3, (New No.7) Krishna Iyer Street,
(Facing Govindappa Naicken street) Parrys.Chennai-600 079



All information given are in good faith. Siyaro's liability is only to replace the defective portion of cables provided the same is mutually established due to manufacturing defects within the guarantee period as agreed in writing and Siyaro shall not be liable for any compensation or damages. Siyaro reserves any of the above specification without prior intimation. Subject to Chennai Jurisdiction.