

TECHNICAL DATA SHEET

Sr. No.	PROPERTY	DATA
1	Make	KENTER
2	Size / No. of cores	2 core x 1.5 sq. mm.
3	Conductor	Class 5 Annealed Bare Copper Conductor
4	Cable type	Twisted Cores
5	Core Insulation	PVC type A as per IS:5831-1984
6	Core colour	Red & black
7	Inner sheath material	NA
8	Shielded/ Unshielded	Shielded
9	Screened material	Aluminium Mylar- 15 X 30 microns
10	Drain wire	Tinned Copper Conductor of 0.5 Sq.mm.
11	Armoured/ Unarmoured	Unarmoured
12	Armouring	NA
13	Outer sheath material	FR-LSH Type ST2 as per IS:5831-1984
14	Diameter over sheath	9.0 ± 2MM
15	Outer sheath colour	BLACK
16	Electrical parameters	
a.	Max DC resistance of conductor at 20°C	13.3 ohms/km
b.	H.V.test	1 KV for 1 minutes
c.	Insulation resistance	36.7 Mohm-km at 27°C (min)
17	FR-LSH properties	
a.	Oxygen index ASTMD-2863	>29%(min)
b.	Temperature index @ 21% oxygen	>250°C(min)
c.	HCL gas emission IEC-754-1	<20%
d.	Smoke density ASTMD-2843 (% absorption)	40% max
18	Anti Termite Rodent Properties	YES

For,

M/s. Kenter Cables
Manager Q.C.