



R.J. INDUSTRIAL CORPORATION

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TECHNICAL DATA SHEET

S.N o.	Particulars	Unit	24AWG	22AWG	20AWG	18AWG	16AWG	14AWG	12AWG
1	Make		RJ INDUSTRIAL CORPORATION						
2	Type		SINGLE CORE UNSHIELDED						
3	No. of Cores		1 core						
4	Reference Standards	---	JSS51022						
5	Temp.range	degC	(-)50 to +120						
6	Conductor		ATC						
	Strand diameter	mm	0.13	0.16	0.2	0.25	0.29	0.25	0.32
	No. of Strands	nos	19	19	19	19	19	37	37
	Cond.dia max.	mm	0.62	0.80	1.04	1.29	1.53	1.82	2.35
7	Insulation		Extruded						
	Material	---	LFH						
	Core dia (approx.)	mm	1.05 TO 1.35		1.3 TO 1.55	1.55 TO 1.80	1.8 TO 2.1	2.15 TO 2.35	2.75 TO 3.1
	Colour		As desired						
8	Electrical Test								
	High Voltage at room temp.	KVAC	2.5						
	Spark test	KVAC	5.0						
	Conductor resistance, Ω /Km (At 20 ^o C)		95.6	60.0	33.2	21.1	14.5	10.9	6.63
	Insulation resistance, M ohm-Km min At 20 \pm 2 ^o C		0.2						
9	Tests on isulation								
	Critical Oxygen Index Test	%	29 (min)						
	Smoke Index Test	%	12 (Max)						
	Toxicity Index Test	-	0.2/100gm (max)						
	Temperature Index Test , ^o C	^o C	250 (min)						
	Hydrochloric Acid Gas Contents (As per IEC 754-II)	-	NIL (pH-4.3 min. & Conductibity-10 μ S/mm (max.))						
10	Packing	Meter	100m and above with max 20% of PO qty in 20 to 99m in plastic spools.						