

Sl/ NO.	Description	Acceptance Criteria with tolerance	TEST RESULTS			
		conductor resistance Ω/km Maximam				
	CORE COLOURS	No of stands	Copper wire Dia mm			Overall Dia MM
	BLUE	28	36 SWG			2
	BROWN	28	36 SWG			2
	Y / GN	17	36 SWG			2
2	INSULATION					
	Overall Dia	mm	6.00 MAX	6.05	6.00	6.00
	Insulation Thickness	mm	0.60 NOM	0.62	0.63	0.62
	Tensile Strength	N/mm ²	12.50 Min	15.00	15.50	15.00
	Elongation	%	150 Min.	205	210	215
3	FLAMMABILITY TEST					
	Uneffected portion from lower edge of top clamp	mm	50 MIN	490		
4	INSULATION RESISTANCE					
	At 27°C	M Ω -KM	36.7 Min.	90		
5	VOLUME RESISTIVITY					
	At 27°C	Ω -CM	1x10 ¹³ Min.	5.00x10 ¹³		
6	ACHighVoltageTest 3kv-5min		shouldbewithstand	withstood		
7	Spark Test On Line (AC High Voltage)		should be withstand	withstood		
Note: All tests are done as per IS:694 or as per Customers requirements.						