

TECHNICAL SPECIFICATIONS AND COMPLIANCE FORMAT				
STRAIN GAGE CABLES- PTFE INSULATED 9 CORE CABLES				
SL NO:		UNIT		COMPLIANCE (YES/NO)
1	CABLES DESCRIPTION		PTFE INSULATED SILVER PLATED COPPER CONDUCTOR MULTICORE CABLE AWG 26(7/34) ET, 250V, 9 Core twisted only (WITH OUT SHIELD AND JACKET).	
2	Conductor	-	Stranded Silver Plated Copper	
3	Silver Thickness Over Conductor	Micron	1.0 Micron Nominal.	
4	No. of Strands	Nos.	7	
5	Strand dia	Inch	0.006	
6	PTFE Insulation Colour for each core	-	1 black, 1 green, 1 yellow, 2 white, 2 blue, 2 grey (all twisted and TOTAL 9 CORES)	
7	No. of Cores	No.	9	
8	Working Voltage	V	250V AC RMS	
9	Dielectric Test (1 Min.)	KV	≤1.5 KV for one Minute	
10	Spark Test (1 Sec.)	KV	≤2.5 KV for one Sec.	
11	Conductor Resistance (at 20°C)	Ω	13 Ω/100 mtr at 20° C. max.	
12	Insulation Resistance	MΩ	1500 MΩ/KM	
13	quantity	meters	5000 (AROUND 10 ROLLS WITH APPROX 500 METRES EACH)	
14	supply quantity tolerance	%	+/- 5 % of 5000 metres	
15	vendor has to quote for the rate per metre basis			
16	Vendor has to submit the Compliance matrix (Compliance/ non-Compliance) to all the above mentioned points along with quotation, failure of which may render the quote ineligible for consideration			