

Annexure-I

Specification of Power Cable

Sl.NO	Description	Specification
1	Voltage rating(minimum)	600 V
2	Current rating(minimum)	920 Amps at 30 degrees 738 Amps at 50 degrees
3	Conductor	Annealed Copper conductor (multi-strand)
4	Insulation	Electron beam cross linked low smoke zero halogen insulation
5	Overall dimension	Less than or equal to 35mm
6	Voltage test	3500 V or more
7	Minimum insulation Resistance	160 M Ω (mega Ohm) per kilometer at 20 degrees at 500V
8	Maximum conductor resistance	0.0654 Ω (Ohm) per kilometer at 20 degrees

Note: Manufacturer test certificate for above specs to be provided.