

**UGCL**  
**Uttar Gujarat Vij Company Ltd.**  
CIN – U40102GJ2003SGC042906

**SPECIFICATION**

**1) CAT-6 CABLE**

1	Minimum Specifications
1.1	Shall be of 4 twisted pairs of 23 AWG solid conductors
1.2	Shall support network line speeds up to 1 gigabits per second.
1.3	Should comply with all of the performance requirements for current and proposed applications such as Gigabit Ethernet, 100BASE-Tx, token ring, 155 Mbps ATM, 100 Mbps TP-PMD, ISDN, analog (broadband, baseband) and digital video and analog and digital (VoIP) voice.
1.4	The Category 6 Solution shall fully comply with the link segment specifications for 1000 Base-TX in addition to the ANSI/TIA and ISO/IEC Category 6 requirements.
1.5	Shall have the length printed on the outer jacket of the cable after every meter.
1.6	Shall be supplied in Reel of 305 Meters/ 1000 feet packed in Boxes

**2) LAN SWITCH**

General	Description
Device Type:	19inch Rack mountable
Switching Fabric Capacity	8.5 Gbps or more
Switching throughput	6.0 million pps or more

Memory	
Flash Memory:	minimum 8 MB flash
RAM:	minimum 64 MB SDRAM
Packet Buffer	minimum 380 KB buffer memory
Power	
Power Device:	Power supply
Voltage Required:	AC 100/240 VAC ( 50/60 Hz )
Max. Power Rating	20W
Layer 2 Features	
Data Link Protocol:	Should support 8K MAC address Table size or more.
	Should support IEEE based 802.1ad
	Should supports port-based VLANs, MAC- based VLANs, and protocol-based VLANs

Interface / Expansion slots	
Interface :	24 autosensing 10/100 ports (IEEE 802.3 Type 10BASE-T, IEEE 802.3u Type 100BASE-TX); Duplex: half or full
SFP port	2 Combo ports; auto-sensing 10/100/1000Base-T or SFP

*"Save Energy for Benefit of Self and Nation"*

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3) RACK :

Accessories	Fan-1: 1U cable Manager-1, AC Distribution Box 6-Socket 5Amp-1, Front Acrylic Door, Captive Mounting Hardware[pack of 10]-1 set
Configuration Type	12U
Depth	450 mm
Height	610 mm
Standards	Compatible with 19 inch International standards.
TSIN	T021053412
Width	550 mm

Date:

Place:

Signature of Tenderer

Company's Round Seal