

TECHNICAL SPECIFICATION OF 3 LINE VARIOUS ITEMS - BNS HAJI MOHSIN/ DIRECTORATE OF NAVAL INFORMATION AND TECHNOLOGY (DNIT)

1. Gigabit Media Converter D-Link - Pair (A&B) - 01 Pair

Ser	Specification	Description
1.	Name of Items	Gigabit Media Converter
2.	Model	To be Mentioned
3.	Manufacture	To be mentioned
4.	Country Of Origin	To be mentioned
5.	Quantity	01 (One) Pair
6.	Type	Media Converter
7.	Feature	Compatible with Mikrotik Router
8.	Standards and Protocols	IEEE 802.3i, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3z
9.	Basic Function	Extends Fiber Distance up to 9.3 Miles (15km)
10.	Ports	1 x 10/100/1000M RJ45 port (Auto MDI/MDIX)
11.	Wave Length	A-1310nm, B-1550nm
12.	Network Media 1000BASE-LX	Single-Mode Fiber
13.	Network Media 1000BASE-T	UTP category 5/6, 5e/6e Cable (Maximum 100m) EIA/TIA-568 100Ω STP (Maximum 100m)
14.	LED Indicators	PWR, Link/Act/Fx/Tx
15.	Dimensions (W*D*H)	3.7 × 2.9 × 1.1 in (95 × 73 × 27 mm)
16.	Power Supply	External Power Adapter (power will be less then 3db)
17.	Max Power Consumption	1.8W
18.	Safety & Emission	FCC, CE, RoHS
19.	Environment	Operating Temperature: 0°C~40°C (32°F~104°F) Storage Temperature: -40°C~70°C (-40°F~158°F) Operating Humidity: 10%~90% Non-Condensing Storage Humidity: 5%~90% Non-Condensing
20.	Warranty	1 year
21.	Picture	

2. Fiber Optic Cable – 500 Mtr

Ser	Specification	Description
1.	Name of Item	Fiber Optic Cable
2.	Brand	Usha Martin
3.	Model	To be Mentioned
4.	Country of Origin	To be Mentioned
5.	No of Fiber	6 Core
6.	Type	Network Cable
7.	Length	500 Meter
8.	Data Transfer Speed.	High rate data transfer speed.
9.	Made in/ Assemble	India

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3. Patch Cord - 04 in No

Ser	Required Features	Remarks
1.	Name of Item	Patch Cord
2.	Brand	To be mentioned
3.	Model	To be mentioned
4.	Quantity	04 (Four) in Number
5.	Manufacturer	To be mentioned
6.	Product Type	Patch Cord
7.	Item Length	5m
8.	Exchange Ability	$\leq 0.2\text{dB}$
9.	Fiber Type	Single Mode

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