



Internet Surfing Explained

1. Introduction to Internet Surfing

Definition: Explain what internet surfing is – the act of browsing and navigating the internet, visiting different websites, and exploring online content.

Web Browsers: Introduce common web browsers (e.g., Google Chrome, Mozilla Firefox, Safari, Microsoft Edge) and their basic functionalities.

2. Difference between

Internet Browsing	Internet Surfing
While searching on the internet, we confirm our target and go straight to search for the same thing and complete our work.	And when we don't know what and how to search for our target, we visit different websites by writing keywords and still searching, then we go and our work is done.

3. Internet provider companies in Pakistan

1. PTCL
2. NAYAtel
3. StormFiber
4. Fiberlink
5. CyberNet
6. Transworld
7. Wateen





4. Types of Internet Connections

For Internet Connectivity, there are three types of internet connections.

1. DSL (Digital Subscriber Line)

- **How It Works:** DSL uses existing telephone lines to transmit data, allowing for internet access without interfering with regular phone calls
- **Speed:** DSL offers moderate download speeds, typically ranging from 5 Mbps to 100 Mbps, depending on the service plan and distance from the provider's central office.

2. Cable Internet

- **How It Works:** Cable internet uses the same coaxial cables that deliver cable TV to provide internet service. This connection type is shared among multiple users in the same area, which can sometimes lead to slower speeds during peak usage times.
- **Speed:** Cable internet offers higher speeds than DSL, often ranging from 25 Mbps to 1 Gbps (1000 Mbps), depending on the plan and provider.

3. Fiber-Optic Internet

- **How It Works:** Fiber-optic internet uses thin strands of glass or plastic fibers to transmit data as light signals. This allows for extremely fast data transfer speeds with low latency and high reliability.
- **Speed:** Fiber-optic connections provide the fastest internet speeds available, often ranging from 100 Mbps to 1 Gbps (and even up to 10 Gbps in some areas).

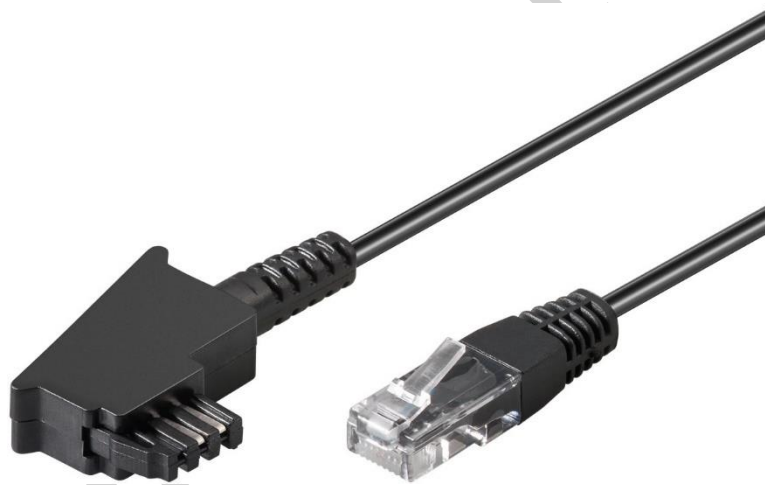




Cable Internet Wire



Fiber Optic Wire



DSL Internet Wire



Modem Device



Router Device





PTCL's broadband services are priced as following:

Broadband Packages	Monthly Charges	Data Volume	Installation Charges	Freebies
1 Mbps Economy Package	Rs. 599	10 GB Limit	Rs. 1,500	NA
2 Mbps Economy Package	Rs. 750	15 GB Limit	Rs. 1,500	NA
1 Mbps Student Package	Rs. 1,299	Unlimited*	Rs. 1,500	NA
2 Mbps Student Package	Rs. 1,549	Unlimited*	Rs. 1,500	NA
4 Mbps	Rs. 2,100	Unlimited*	Rs. 1,500	NA
4 Mbps	Rs. 2,500	Unlimited GPON***	Rs. 2, 500	Free Smart TV & Smart TV App
8 Mbps	Rs. 3,000	Unlimited	Rs. 2, 500	Free Smart TV & Smart TV App / On-net Calls
12 Mbps	Rs. 4,000	Unlimited	Rs. 2, 500	Free Smart TV & Smart TV App / On-net Calls
16 Mbps	Rs. 5,000	Unlimited	Rs. 2, 500	Free Smart TV & Smart TV App / On-net Calls
20 Mbps	Rs. 6,000	Unlimited	Rs. 2, 500	Free Smart TV & Smart TV App / On-net Calls
30 Mbps	Rs. 7,500	Unlimited	Rs. 2, 500	Free Smart TV & Smart TV App / On-net Calls
50 Mbps	Rs. 10,000	Unlimited	Rs. 2, 500	Free Smart TV & Smart TV App / On-net Calls
100 Mbps	Rs. 20,000	Unlimited	Rs. 2, 500	Free Smart TV & Smart TV App / On-net Calls



5. Best Websites to download any software

1. <https://filecr.com/en/>
2. <https://getintopc.com/>
3. <https://filehippo.com/>
4. <https://sourceforge.net/>

6. Basic Components of the Internet

Websites and URLs: Explain what a website is and how to access one using a URL (Uniform Resource Locator).

Search Engines: Discuss the role of search engines (e.g., Google, Bing, DuckDuckGo) in finding information on the web.

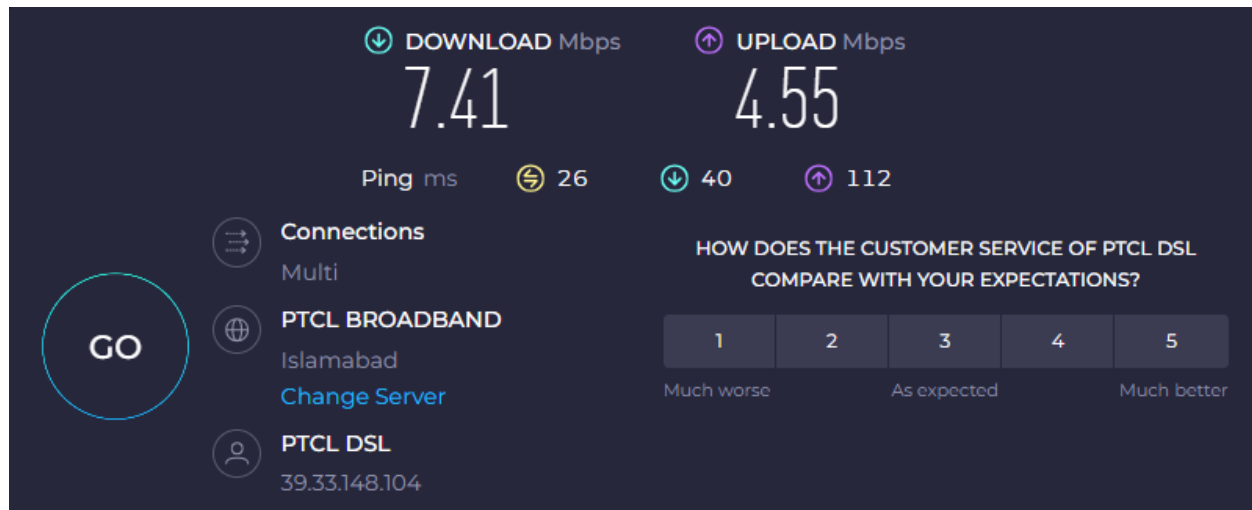
Hyperlinks: Define hyperlinks and how they help users navigate between different pages and websites.



Website URL / Website Link



Here's the internet speed of our PTCL Broadband internet connection.



To test your internet speed please visit this site: <https://www.speedtest.net/>