

polar connections

Fall 2024



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win a solo stove!

Use the Polar e-bill
mobile app to enter.

polar connections

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*This institution is an equal opportunity
provider and employer.*

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**GIG-CAPABLE
PROVIDER**

welcome Our New Employee



Matt Flora joined Polar on August 1 as a Network Technician. Before joining Polar, Matt served in the US Navy for over twenty years. He was stationed in Bremerton, Washington, where he provided IT and network operations support. Matt currently resides in Mountain, ND, with his wife and three sons. In his free time, he enjoys fishing and working on cars.

Free Wi-Fi!

Polar Ultimate Wi-Fi is designed to unlock the full potential of our fiber Internet service inside and outside your home and on any device. That includes the most powerful Wi-Fi 6 system and Polar Wi-Fi app for service controlled by you and fully supported and managed by us.

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Understanding Broadband Labels:

What You Need to Know

As we continue to enhance our services and provide you with the best Internet experience possible, we want to take a moment to explain a new feature that you might have noticed: broadband labels. These labels are designed to offer clear, concise information about the broadband services you receive, empowering you to make informed decisions.

What are broadband labels?

Broadband labels are similar to the nutrition labels you see on food products, but instead of calories and vitamins, these labels provide key details about your Internet service. They are a standardized way of presenting important information such as:

- **Speed:** The download and upload speeds you can expect
- **Data Allowance:** Information on any data caps or limits that might apply to your plan.
- **Pricing:** A breakdown of the costs associated with your service, including any fees or surcharges.
- **Performance:** Details on factors like latency, which can affect the quality of your online experience.
- **Network Management:** Information on any practices that might impact your service, such as throttling or prioritization of traffic.

Why are broadband labels important?

These labels are part of an industry-wide effort to increase transparency and help you, as a customer, better understand what you are paying for. With clear, standardized information, you can easily compare different plans, understand the terms of your current service, and make choices that best fit your needs.

A better experience starts here.

At Polar, we are committed to providing you with the information you need to make the best choices for your Internet service. Understanding your broadband label is key to ensuring you get the most out of your plan.

If you have any questions about broadband labels or need assistance understanding any part of it, please don't hesitate to reach out to our customer service team at 284.7221. We're here to help!

Broadband Facts	
Provider Name	
Service Plan Name and/or Speed Tier	
[Fixed or Mobile] Broadband Consumer Disclosure	
Monthly Price	\$00.00
This monthly price is an introductory rate	
Time the introductory rate applies	Yes / No
Monthly price after the introductory rate	YY months
Length of contract	\$00.00
Link to Terms of Contract	YY months
https://www.example.com/terms-of-contract	
Additional Charges & Terms	
Provider Monthly Fees	
Fee description	\$00.00
Fee description	\$00.00
Fee description	\$00.00
Fee description	\$00.00
One-Time Purchase Fees	
Fee description	\$00.00
Fee description	\$00.00
Early Termination Fee	\$00.00
Government Taxes	Included/Varies by Location/\$00.00
Discounts & Bundles	
Visit the link below for available billing discounts and pricing options for broadband service bundled with other services like video, phone, and wireless service, and use of your own equipment.	
https://www.example.com/discounts	
Speeds Provided with Plan	
Typical Download Speed	000 Mbps
Typical Upload Speed	000 Mbps
Typical Latency	00 ms
Data Included with Monthly Price	000 GB
Charges for Additional Data Usage	\$/GB
https://www.example.com/data-usage	
Network Management Policy	
https://www.example.com/network-management	
Privacy Policy	
https://www.example.com/privacy	
Customer Support	
Phone:	(555) 555-5555
Website:	https://www.example.com
Learn about the terms used on this label. Visit the Federal Communications Commission's Consumer Resource Center.	
fcc.gov/consumer	
Unique Plan Identifier: F0005937974123ABC456EMC789	



Don't Settle for 5G WireLESS

stream, game, work, and connect *more*

In today's fast-paced digital world, having a reliable and high-speed Internet connection is more important than ever. Whether you're streaming your favorite shows, working from home, or running a business, the quality of your Internet connection can significantly impact your experience. That's why we're excited to discuss the benefits of fiber Internet—a technology that has become the gold standard for Internet connectivity.

Fiber Internet, or fiber-optic Internet, uses thin strands of glass or plastic to transmit data as light signals. Unlike traditional copper cables, which rely on electrical signals, fiber-optic cables can carry much more data at significantly higher speeds over longer distances without losing signal quality.

We are proud to say that Polar has a 100% fiber-to-the-home (FTTH) network! FTTH refers to a broadband network architecture where fiber-optic cables are run directly to individual homes or buildings. This means that the fiber connection extends from our central office all the way to the customer's premises, providing a direct and highly efficient link. FTTH represents the pinnacle of current broadband technology, delivering unmatched speed, reliability, and the capacity to meet future Internet demands.

Internet service through a cell service provider is considered 5G. 5G Internet technology works by using a combination of radio frequencies, antenna technologies, and network infrastructure to deliver Internet. While both FTTH and 5G are cutting-edge technologies offering high-speed Internet, they serve different purposes and come with distinct advantages.

Here's why FTTH is often considered superior to 5G for certain applications:



Speed and Bandwidth

Fiber Internet: Fiber optic cables use light to transmit data, allowing for extremely high speeds. With symmetrical upload and download speeds, they often reach up to 1 Gbps (gigabits per second) or even higher.

5G Wireless: While 5G can offer high speeds, especially in urban areas, it typically ranges between 100 Mbps to 1 Gbps, depending on the location, network congestion, and proximity to a 5G tower. Speeds can fluctuate more with 5G compared to the consistent speeds provided by fiber.



Latency

Fiber Internet: Fiber has very low latency and is crucial for applications like online gaming, video conferencing, and other real-time data transmissions.

5G Wireless: 5G offers lower latency than previous wireless technologies, but it can still be higher and more variable than fiber, especially in less optimal conditions.



Reliability

Fiber Internet: Fiber connections are less prone to interference from weather, buildings, or other obstacles. Once installed, they are very stable and reliable.

5G Wireless: 5G signals can be affected by physical obstacles like buildings, trees, and even weather conditions. Coverage can be inconsistent, especially in rural areas or indoors, where signals may need to be stronger.



Capacity and Scalability

Fiber Internet: Fiber networks have a massive capacity for data and are easily scalable. As demand grows, they can be upgraded relatively easily to handle more traffic.

5G Wireless: While 5G can support many devices, there is a limit to the number of devices and the amount of data that can be handled simultaneously in a given area, leading to congestion during peak times.



Symmetrical Speeds

Fiber Internet: Typically offers symmetrical speeds, meaning the upload and download speeds are the same. This benefits tasks like uploading large files, video conferencing, and cloud computing.

5G Wireless: Usually offers asymmetrical speeds, with higher download speeds than upload speeds. This can be a limitation for users who need fast upload capabilities.



Future-Proofing

Fiber Internet: Fiber infrastructure is considered future-proof because the physical medium (fiber optic cables) can handle data rates far beyond what is currently used, meaning it will remain relevant for many years.

5G Wireless: While 5G is a significant upgrade over previous wireless generations, the infrastructure may need to be updated or replaced as technology evolves.



Coverage

Fiber Internet: Coverage is expanding but is more readily available in urban and suburban areas. In areas where it's available, it provides consistent service.

5G Wireless: Coverage can be spotty, especially in rural areas, and while it's expanding, the experience can vary widely depending on location and network provider.

FTTH is generally better for those prioritizing a consistent, high-speed, and reliable Internet connection with low latency and high security, especially in fixed locations like homes or businesses. It's ideal for heavy Internet users, smart homes, and businesses that rely on a stable connection for operations.

polar

In the community



Celebrating August the Deuce in the Mountain parade.



Polar employees serve a meal for the Cavalier Tornados teams and fans.



Employees donated supplies and backpacks to the Cavalier Elementary School.



Polar sponsored an Aggie tailgating meal during a home game in Park River.

Directory Listing Updates

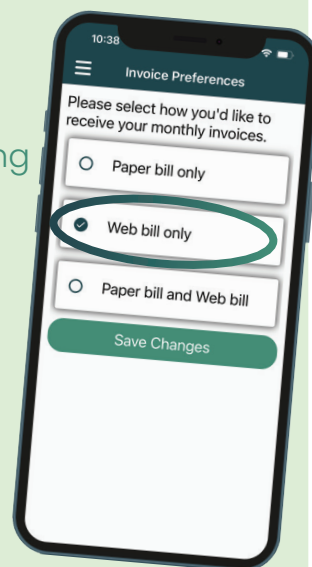
701 Tax Solutions, CPA, PLLP.....	Fax Line	701-284-6855
701 Tax Solutions, CPA, PLLP	403 Briggs Ave S Park River	701-284-7616
Elness Allen.....	9523 138th Ave Ne Cavalier	701-265-8623
Fricke Jeremy.....	14509 74th Pl NE Grafton	701-379-2356
Gibbon Jeffery.....	302 E 2nd Ave S Cavalier	701-265-4212
Gilbertson Andrew.....		701-265-8114
Grand Forks Campground.....	4796 S 42nd St Grand Forks	701-772-6108
Guetter Nicholas.....		218-995-2005
Hjelmstad Insurance Agency.....	2084 4th Ave NE Thompson	701-599-2901
Johnston Jack.....	2263 19th St NE Grand Forks	701-747-0641
Kippen Jon.....	107 W 2nd Ave S Cavalier	701-265-8122
Larson Daniel.....	7147 137th Ave NE Park River	701-284-6168
Larson Daniel.....	7145 137th Ave NE Park River	701-284-6169
Mack Kori A.....	7846 107th Ave Ne Nekoma	701-949-2852
Mitchell -Gustafson Connie.....	13108 85th St Ne Mountain	701-993-8103
Nelson Maryetta J.....	8518 144th Ave NE St Thomas	701-257-6464
Reinhold Richard & Alvern.....	3328 17th Ave NE Arvilla	701-343-2631
Richardson Michael.....	2102 2nd Ave NE Reynolds	701-847-4720
Ryan Dean.....	3885 35th Ave NE Inkster	701-865-4131
Thomas Gerri A.....	309 E 1st Ave S Cavalier	701-265-4002

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You can sign up for paperless billing right on the e-bill mobile app by selecting 'web bill only' or by contacting our office at 284.7221.



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Win Football Tickets!

Enter to win four UND football tickets to the Saturday, November 16 game vs. South Dakota.

Name: _____

Email: _____

Cell Phone: _____

Home Phone: _____

Return this completed form to Polar, PO Box 270, Park River, ND 58270 to enter the drawing. Winner will be notified on November 1, 2025.





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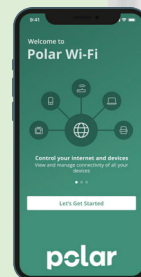
Download the Polar e-bill mobile app and enter to win a Solo Stove!

HOW TO ENTER:

1. download the Polar e-bill mobile app using the links below or search for Polar e-bill in your app store*
2. download a recent invoice
3. you're entered! downloading an invoice automatically triggers your entry into the contest

*customers who already have the app installed on your device: follow steps 2-3 to enter.

Entry deadline is
October 31, 2024!



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