End-of-line splitter refers to



Overview

What are the rules in English language to split words at the end of a line? Where exactly must the hyphen split the word?

Key Takeaways

An end-of-line splitter can refer either to a text line break in computing or a passive optical device that divides signals in fiber networks.

In Computing and Text Encoding

In programming and text processing, an end-of-line (EOL) splitter often refers to a mechanism that recognizes or inserts a newline character to mark the end of a line of text. Newline characters, such as LF (line feed), CR (carriage return), or CR+LF sequences, are used in character encoding standards like ASCII or Unicode to indicate where one line ends and the next begins. Software tools or scripts that process text may use EOL splitters to divide text into lines for parsing, display, or storage purposes, ensuring proper formatting across different operating systems and applications.

In Fiber Optic Networks

In telecommunications, an end-of-line splitter is a type of optical splitter used in passive optical networks (PONs). It is installed near the end of the main fiber line to divide a single optical signal from an Optical Line Terminal (OLT) into multiple outputs for Optical Network Terminals (ONTs) at users' premises. This allows a single fiber to serve multiple subscribers efficiently, reducing infrastructure costs while maintaining signal quality.

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The splitter operates passively, requiring no power, and supports scalability by enabling additional ONTs to connect to existing outputs without major network changes.

Summary

Text context: EOL splitter handles line breaks in text, splitting content at newline characters for proper formatting and processing. Telecom context: End-of-line optical splitter divides a fiber optic signal from a central OLT to multiple ONTs, enabling cost-effective distribution of broadband services. Understanding the context—software text processing versus fiber optic networking—is key to interpreting the term correctly.

Article Content

What are the rules for splitting words at the end of a line?

What are the rules in English language to split words at the end of a line? Where exactly must the hyphen split the word?

Topic Q&A List

In German, one is supposed to avoid ending a line with a period that is not at the end of a sentence. This means anytime a period is used for an abbreviation, it should be followed by a nonbreaking

Optical Splitters: Split Ratios, Splitting Architectures & PON Network ...

By dividing a single optical signal from a central Optical Line Terminal (OLT) into multiple outputs for Optical Network Terminals (ONTs) at users'' homes, splitters eliminate the need for

optical line termination

An OLT (optical line termination) is a device which serves as the service provider endpoint of a passive optical network. It has two main functions.

What Is an Optical Splitter?

Fiber optic splitter, also referred to as optical splitter, fiber splitter or beam splitter, is an integrated waveguide optical power distribution device that can split an incident light beam into two

Part 6 of 10 – FTTH 101: Understanding Splitters and the ...

Splitters are a crucial part of the FTTH network because they divide the optical signal coming from the higher network levels into multiple outputs that can serve several customers.

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Characters

Line breaking, also known as word wrapping, is the process of breaking a section of text into lines such that it will fit in the available width of a page, window or other display area (such as a viewport)...

Split Ratios and Splitting Level of Optical Splitters

Optical splitters play an important role in FTTH PON networks where a single optical input is split into multiple output, thus allowing a single PON interface to be shared among many subscribers. The

Difference between CR LF, LF and CR line break types

It moves the cursor both down to the next line and to the beginning of that line. This character is used as a new line character in most other non-Unix operating systems including

unsupervised_topic_modeling/topics/en/15/50/100/topics at ...

Contribute to annontopicmodel/unsupervised_topic_modeling development by creating an account on GitHub.

Understanding EOL Characters: Line Termination in

In the world of text processing and file formats, understanding the concept of end-of-line (EOL) characters is fundamental. Also known as newline

End-of-line hyphenation

End-of-line hyphenation is the process of breaking words between lines to create more consistency across a text block. (source) A long word is broken across a line-break by means of a

What is optical splitter and its important technical indicators?

IsolationIsolation refers to a light path optical splitter to other optical path of the optical signal isolation. Return lossReturn loss, also known as reflection loss, refers to the power loss of an

Top 100+ Excel Shortcut Keys List (A to Z)

Ms Excel offers hundreds of keyboard shortcuts that help users work faster and more efficiently. Instead of navigating through menus with a mouse, Excel shortcut keys allow you to

How Does a Fiber Optic Splitter Work

This post provides a introduction to how does a fiber optic splitter work, and optical fiber splitter application in FTTH.

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Understanding Power Splitters

When used as power splitter, the core of the transformer may saturate at the lower frequency end of the operating band if the designated power rating is exceeded; signal distortion and

What is Fiber Optical Splitter?Which Parameters Affect Its Function

3. Isolation Isolation refers to the one optical path signal isolation capability of splitter from optical signals in other optical paths. 4. Return loss Return loss, also called reflection loss, refers to the power loss

What are PLC or FBT Fiber Optical Splitters?|GLsun

Isolation Isolation refers to the isolation ability of a certain optical path of the fiber splitter from optical signals in other optical paths. Return Loss Return loss is the power loss of an optical

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