

# Upgraded version of fiber optic cable for Swiss railway communications



## Overview

Unlike traditional loose tube cables, SWR technology allows for mass fusion splicing of up to 12 fibres at once, drastically reducing installation time, meaning that fibre backbones on the rail network can be built faster. Fiber optic cables will be laid along the railway lines and new antenna sites will be installed for future railway radio systems for the real-time transmission of large volumes of data. These radio systems connect trains with the traffic control systems in the railway's own data centers via. The DGGT-1200 family – outdoor optical fiber cables – is designed to deliver reliable and long-lasting optical transmission in outdoor environments. Passengers will be able to take advantage of seamless high-speed mobile connections in the future.

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Efficient fiber optic management is crucial for modern railway networks. The R& M-FOXS and PRIME ODF systems provide versatile, high-density solutions, ensuring reliable performance and easy ...



Bring high-speed onboard communication to your rolling stock with our proven fiber optics solutions. Find out more.



The railway industry is on the cusp of a digital revolution. Our fibre optic technology, spearheaded by Spider Web Ribbon® (SWR®) is changing the network communications landscape within rail and ...



- With FiberFlow™ the network can easily be upgraded and maintained at low costs and without interruption of rail traffic. Five years after the start of construction in 2010, the installation of ...



Ericsson and Swiss national rail operator SBB (Schweizerische Bundesbahnen) delivered Europe's first live extension of the legacy railway communications system GSM-R with a modern IP Multimedia ...



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For over 145 years, Nexans has been manufacturing high-quality, sustainable cables in Switzerland. We provide local, low-carbon solutions that support the energy transition.



Discover how HUBER+SUHNER fiber optic solutions enable high-bandwidth, EMI-resistant connectivity for modern railway applications.



R& M, the globally active Swiss developer and provider of high-end infrastructure solutions for data and communications networks, is supporting the digitalization of the railways. R& M ...

## Contact Us

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