Bahrain installs 6-core fiber optic cable

Overview

Batelco Selects SubCom to Build and Install Regional Subsea CableAl Khaleej will branch from the SEA-ME-WE 6 cable, a 21,700 km-long subsea telecommunicati.

Key Takeaways

Bahrain is enhancing its international connectivity with the Al Khaleej 6-core fiber optic subsea cable, fully owned by Batelco, linking the country to regional neighbors and the SEA-ME-WE 6 system. Project OverviewBahrain's telecommunications company, Batelco, part of the Beyon Group, is installing the Al Khaleej Cable, a 1,400 km subsea fiber optic system branching from the SEA-ME-WE 6 cable. This cable will connect Bahrain to Qatar, UAE, and Oman, and is designed to diversify routes, improve network resilience, and enhance international connectivity for the region.

The Al Khaleej Cable is expected to be completed by Q2 2026.

Technical Specifications

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Fiber Core Count: 6-core fiber optic cableBranching System: Part of the SEA-ME-WE 6 Gulf ExtensionCapacity: SEA-ME-WE 6 supports over 100 terabits per second, providing one of the lowest latency routes between the Middle East, Southeast Asia, and Western Europe Deployment: Manufactured and installed by SubCom, a global leader in subsea cable systems, using Reliance Class cable ships Strategic ImportanceThe Al Khaleej Cable will: Enhance Bahrain's digital infrastructure, supporting the growth of cloud services, AI, and data centersIncrease network diversity and resilience, reducing dependency on a single route for international data trafficSupport regional digital transformation, enabling faster, low-latency connections to Europe and Asia Future ExpansionBeyon Group has announced plans to extend the Al Khaleej Cable by 800 km to connect Bahrain with Saudi Arabia, Kuwait, and Iraq, forming the Khaleej North cable system, further strengthening regional connectivity.

Additionally, Batelco is investing in a new data center, integrating the Al Khaleej and SEA-ME-WE 6 cables, powered by a solar park, to support Bahrain's growing digital economy.

Conclusion

The installation of the 6-core Al Khaleej fiber optic cable marks a significant step in Bahrain's digital infrastructure development. By linking to the SEA-ME-WE 6 system and expanding regional connectivity, the project will provide high-capacity, low-latency, and resilient international data routes, positioning Bahrain as a key hub for digital services in the Gulf region.

Article Content

Batelco Selects SubCom to Build and Install Regional Subsea Cable

Al Khaleej will branch from the SEA-ME-WE 6 cable, a 21,700 km-long subsea telecommunications data cable system connecting Bahrain with 14 other countries, and will help to diversify routes and

Batelco Selects SubCom to Supply Regional Subsea Cable

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SubCom Al Khaleej Subsea Cable Project

The new Al Khaleej cable will span 1,400 km, linking Bahrain with Qatar, the UAE, and Oman. SubCom is manufacturing the system at its Newington, New Hampshire facility, using its

Batelco selects SubCom to build the Al Khaleej Cable, a branch of

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SubCom has been selected to manufacture and install the Al Khaleej Cable, which is solely owned and operated by Batelco, part of the Beyon Group. Once operational, the cable system

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Batelco Selects SubCom to Build and Install Regional Subsea Cable

SubCom will manufacture and install a regional subsea cable, the Al Khaleej Cable, which will be 100 percent owned and operated by Batelco, part of the Beyon Group, and will

Batelco chooses SubCom to build Al Khaleej cable

Al Khaleej will branch from the SEA-ME-WE 6 cable, a 21,700 kilometre-long subsea telecommunications data cable system connecting Bahrain with 14 other countries, and will help to

Batelco chooses SubCom to build and install SEA-ME-WE 6 branch

Beyon-owned Batelco has chosen SubCom to manufacture and install its new Al Khaleej Cable that will branch from the 21,700km SEA-ME-WE 6 cable connecting Bahrain with 14 other

Ooredoo Group to build subsea cable to connect the Middle East

Qatari telco Ooredoo Group has announced plans to build a subsea cable connecting seven countries in the Middle East. The cable will land in Qatar, Oman, the UAE, Bahrain, Saudi

SEA-ME-WE 6

Al Khaleej is a branch of the upcoming SEA-ME-WE 6 cable connecting the UAE to Bahrain, Oman and Qatar. Jointly operated by Batelco and Etisalat by e&, it will be 1,400 km long and ready for service in

Structured Cabling Solutions in Bahrain

Structured Cabling Solutions (Copper & Fiber Optic Networks) Nexcel is a leading structured cabling solutions provider in Bahrain. We specialize in the installation of copper and fiber optic network

Top 10+ Best Cabling and Fibre Optics Companies in Bahrain

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Additionally, Fibre Optics can also be used for a variety of other purposes such as medical imaging, surveillance, and data storage. In conclusion, Cabling and Fibre Optics in Bahrain are essential for

Diving Deep into Submarine Cables: The Undersea Lifelines of

Under the waves at the bottom of the Earth''s oceans are almost 1.5 million kilometers of submarine fiber optic cables. Going unnoticed by most everyone in the world, these cables underpin

Fibre Optic Cables | Falcon Electrical WLL

Applications These cables are used to realize patch cords, equipment harnesses and internal connections. They are compatible with all standard connectors.

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Discover how BNET''s fiber network operates, from infrastructure to connectivity in Bahrain.

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National Broadband Network | Ministry Of Transport

By June 2020, the rollout of the fiber-based national broadband network had progressed rapidly, with fiber broadband infrastructure reaching more than 78% of households and 100% of businesses. The

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