Japan s 12-core Smart Building Fiber Optic Cable Technology

Japan"s NTT and NEC have announced that they have conducted a transmission experiment using a new fiber optic technology that they say could substantially increase the capacity ...

NEC is currently engaged in a project to install a long-haul optical submarine cable system using two-core multicore fiber with two optical transmission paths.

To cope with the demand for international bandwidth almost doubling every two years, Japanese corporations NEC and NTT have successfully trialed a revolutionary submarine cable ...

NEC and NTT in Japan have successfully conducted a first-of-its-kind transoceanic-class 7,280km transmission experiment using a coupled 12-core multicore fibre and MIMO technology.

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Combining these technologies, NEC and NTT conducted long-distance transmission experiments over 7,280km, assuming a transoceanic-class optical submarine cable, and succeeded ...

Now, a research team from NTT Access Network Service Systems Laboratories in Japan has developed an MCF design, for the first time, with 12 core paths. The cores are "randomly-coupled" in a way that ...

According to NTT and NEC, the success of the experiment could pave the way for a "next-generation transmission infrastructure technology" that will help build large-capacity optical ...

Japanese tech titans NTT and NEC reckon they"ve proven the performance of a novel fiber optic technology that could increase capacity of submarine cables by a factor of 12.

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