

How are APG and AAG cables different?

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In the past few months, the entire online community was in general miserable due to the ongoing disruption of **AAG optical fiber**, which largely stemmed from the rather ridiculous reason that . sharks bitten off cables. The repair time for each incident is up to at least 1 week, causing many frustrations and annoyances of users in general about the habit of "tooth itch" as well as rigidity. really optimal of this cable.

Recently, however, information about the installation and introduction of new APG fiber optic cable suddenly emerged quickly, which, according to many, will help temporarily dispel concerns of cable or related problems. to slow speed transmission problems. Why is that, and what is the difference between these two cables?

AAG Cable (Asia-America Gateway)

AAG is a more than 20,000km transcontinental marine optical cable connecting Southeast Asia to the US mainland - exactly as it says in its full name.

This is a sea cable line that plays a major role of Southeast Asia in general and Vietnam in particular, because it is the only cable transmission line connecting directly from Vietnam and countries to the US - where the server operates. of the world's most popular big services such as Facebook, Google, Youtube . Currently, Vietnamese operators are exploiting and using this cable route such as FPT, Viettel, VNPT .



With a total investment of nearly US \$ 600 million, AAG was put into operation in November 2009, with a total capacity of up to 2Tb / s. The AAG service has core landing points at Mersing (Malaysia), Changi (Singapore), Sri Racha (Thailand), Tungku (Brunei), Vung Tau (Vietnam), Currimao (Philippines), South Lantau (Hong Kong), Guam (USA), Hawaii (USA). AAG route in Vietnam is located in Vung Tau, located in section S1 with a length of 314 km.

APG cable (Asia-Pacific Gateway)

On January 3, large telecommunication network enterprises all over the country jointly announced the introduction of APG marine optical cable. With the investment of leading internet service providers in Vietnam such as FPT, Viettel, VNPT and CMC, this is a completely new marine optical cable, promising the best performance and benefits for quality. Internet service comes to users.



The length of this cable line reaches 10,400km, connecting from Singapore and Malaysia via Da Nang (Vietnam) to Japan and South Korea. 4 years is a time consuming for the investment process, deployment and completion of this construction.

APG expects to reach a maximum bandwidth of 54 Tb / s (nearly 20 times higher than the AAG's 2.88 Tb / s) - the largest recorded volume is at the top in the region Asia. When in operation, it is certain that APG will help ensure more favorable connectivity conditions to develop many better aspects of interference with the major economies in Asia such as China, Japan and Taiwan, Hong Kong.

The current ability to replace backups for existing international channels is also strengthened by the presence of APG, including the AAG submarine cable, which is frequently malfunctioned by a series of incidents as mentioned. APG is expected to improve the more stable international usage, not stagnant.

It is known that in 2016 alone, the AAG cable route was broken three times before, most recently on August 2 due to the impact of the storm Nida in the South China Sea. After more than 3 weeks, the new consequences are completely overcome.

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