

USE CASE - 5G DEPLOYMENT



The Customer

A leading mobile vendor.

The Challenge

For 5G deployment, the vendor needed to replace its existing copper coax infrastructure with an optical infrastructure, since the former cannot support 4GHz and 6GHz frequency bands. This will be escalated when higher frequencies are required.

The Solution

RFOptic replaced the copper coax with its RF over fiber solution connected to optical switch matrix that can be managed remotely for monitoring and control (M&C). The solution can be bidirectional or unidirectional depending on the customer's demand.

The Result

By using RF over Fiber end-to-end solution, the vendor is able to manage his system remotely without visiting the site, which was especially important during the pandemic, and to reduce its OPEX dramatically. Moreover, changing configurations does not affect the solution, thanks to channel flexibility.

For more information, contact sales@rfoptic.com

For the 5G white paper, click [here](#)