



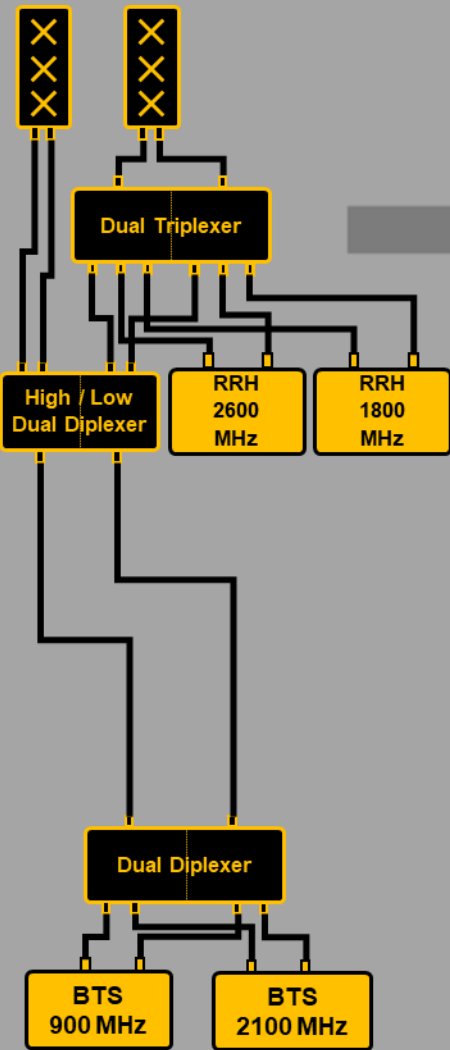
SMARTER WIRELESS



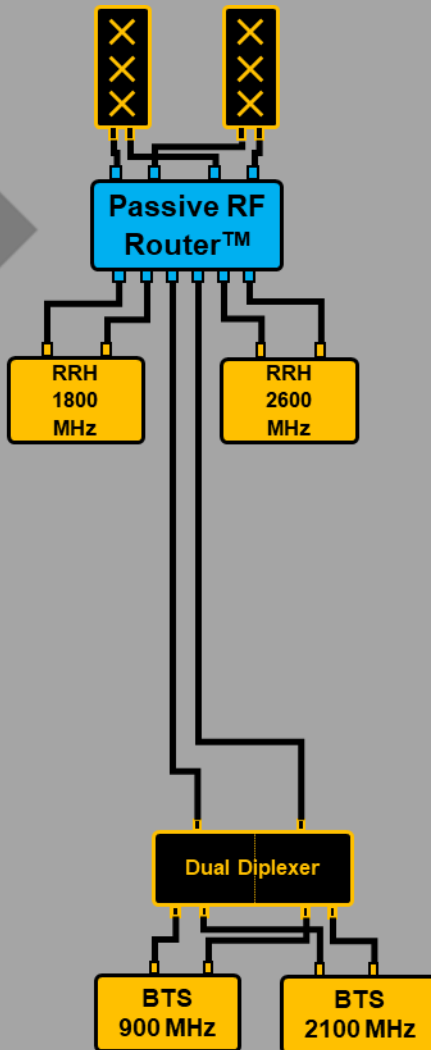
# Passive RF Router™

Radio Design's revolutionary Passive RF Router™ solution provides mobile network operators with a way in which they can significantly reduce the mast-head box count, achieve financial savings, and reduce the ever-growing problem of wind-loading. The solution itself is highly flexible, and can be configured in a large number of different ways to suit the specific demands of the operator. To complement the RF routing capabilities of this unit, it can also have Radio Design's industry-leading Auto Bypass™ feature integrated for use in scenarios where MHAs or RET motors are present. To summarise, the Passive RF Router™ removes the complexity from site design by completing the necessary combining, splitting and RF routing inside one single unit.

## Traditional Solution



## Passive RF Router™ Solution



## RD0759: Passive RF Router™



- ✓ Replaces several cascaded boxes & jumper cables
- ✓ Reduces mast head complexity
- ✓ Improves reliability
- ✓ Lower loss, better PIM
- ✓ Active version also available
- ✓ Simplifies site design and installation
- ✓ Thousands of possible configurations

This solution enables fast and straightforward installations, as well as providing significant financial savings due to a reduced part count which, in turn, reduces the risk of installation errors. Both our Active and Passive RF Routers™ have very strong PIM and insertion loss performance and are highly flexible. As a result, the RF Routers™ will become vital components in mobile networks for years to come.