

# CABLES AND CONNECTORS

## LSR200 | LSR240 | LSR400

Selecting the right cable type can be the deciding factor between optimal performance and a poor connection. The cable has to be considered a part of the overall link budget from the cell tower to the router to mitigate cable loss.

Parsec is aware of the facts and data around cable loss, which is why we have chosen high quality cables for all of our antennas, which are tested to meet high performance specifications.

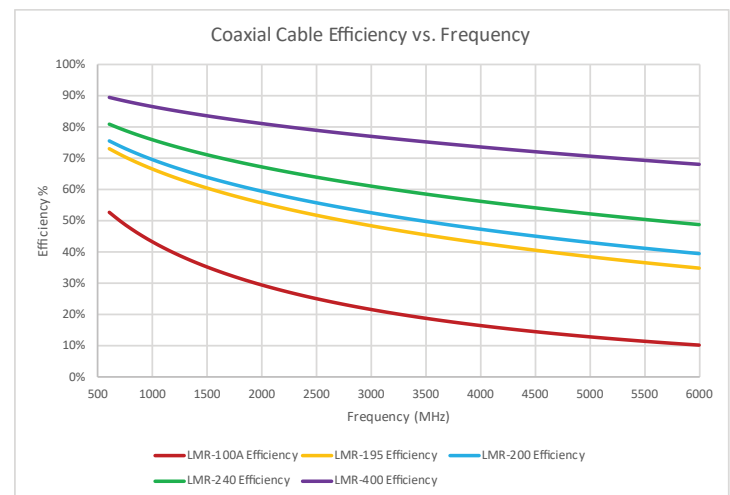
LSR200: up to 25ft  
LSR240: up to 40ft  
LSR400: 40ft+



## Loss & Efficiency

An often overlooked factor in networking is the impact of the cable. In 2021, as Cat-18 and PLTE applications become more popular, the effects of increased cable loss at higher frequencies now make choosing the correct cable a more critical factor than ever before.

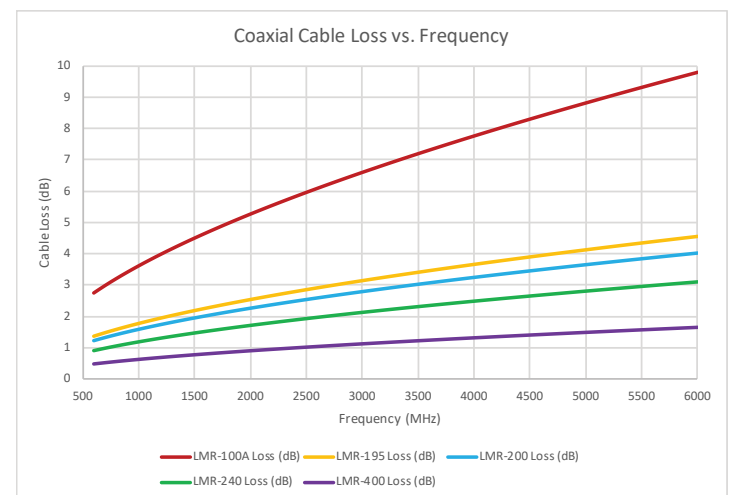
Multiple factors affect the efficiency of a cable, including length, width, insulation, and connection strength. Choosing the right cable for installation is important for getting the best signal.



## Cable Frequency

As the frequency goes up, the cable loss is increased. A weaker cable like the LSR-100A is not recommended due to the large scale of cable loss. At higher ranges, consider going with a more efficient cable to reduce loss and sustain efficiency.

Parsec supplies LSR 200 up to LSR 400 to ensure performance is not lost in the cable. We recommend different cables at different lengths and frequency ranges.



Type N

SMA

## Cable Connectors

The most common types of connectors are SMA and type - N. SMA is a smaller connection that tightens much more than type-N connectors. Type-N connectors are waterproof and meant to be hand tightened.