

# DUAL BAND NOTCHED UWB MIMO ANTENNA

## DESIGN PARAMETERS

Resonating Frequency: 7.5 GHz

Material of the ground plane: copper

Material of the substrate: FR4 epoxy

Length of the substrate: 35mm

Width of the substrate: 23mm

Height of the substrate: 1.6mm

Length of patch 1: 9mm

Width of patch 1: 14mm

Length of patch 2: 9mm

Width of patch 2: 14mm

Type of ports: Modal Lumped Port

Width of the port 1: 1mm

Height of the port 1: 1.6mm

Width of the port 2: 1mm

Height of the port 2: 1.6mm

Material of the feedlines: copper

Length of feedline 1: 1mm

Width of feedline 1: 8.8mm

Length of feedline 2: 1mm

Width of feedline 2: 8.8mm