### **Antenna Feeder Line Datasheet**

### **Overview**

## **Description**

Antenna Feeder Line cable for **WisGate Edge Prime and Max (RAK7240/7249).** This Feeder Line cable allows you to better positioning the gateway antennas for optimal coverage. You can choose between 1.5 m, 3 m, and 5 m cable length.

#### **Features**

• Length variants: 1.5 m, 3 m, & 5 m

• Connector: N-type female to N-type male

• Frequency Range: 0~3 GHz

• Cable type: LMR195

• VSWR: ≤ 1.5



Figure 1: Antenna Feeder Line Overview

# **Specifications**

Feature	Specifications
Model	Feeder Line Cable
Frequency range	0~3 GHz
VSWR	≤ 1.5
Length	3 meters; 5 meters
Cable type	LMR195
Impedance	50 Ohms
Color	Black
Connector type	N-type female to N-type male

Feature	Specifications
Operation temperature (°C)	-40° C ~ +85° C
Humidity range	5%~95%

# **Signal Loss Report**

Frequency	3-m length	5-m length
1 GHz	-1.27 dB	-1.99 dB
2 GHz	-1.83 dB	-2.89 dB
3 GHz	-2.31 dB	-3.75 dB

## **Mechanical Characteristics**

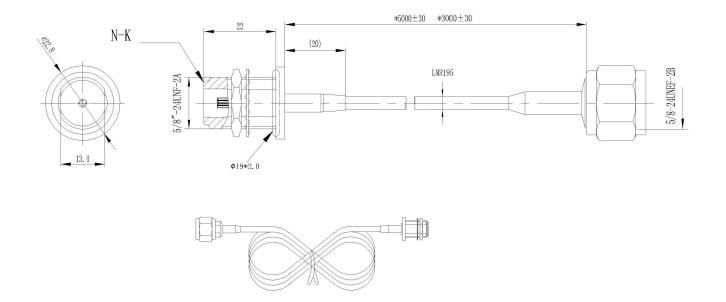


Figure 2: Antenna Feeder Line Mechanical Dimensions

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