

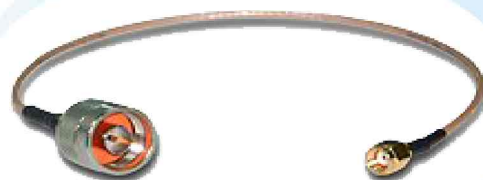


## RG316 -SNM-30

### AP to Outdoor Antenna

#### Thin Indoor Cable

The RG-316SNM is a thin cable for connection between indoor AP and outdoor antenna. The cable has a male reversed SMA connector on one side to connect with AP and Male N-Type connector on the other side to connect with outdoor antenna. A connector typically has 0.3 dBi of signal loss, the combined signal loss of the 2 connectors and 30cm cable is about 1dBi. Therefore, a 10dBi patch antenna connected to AP using this cable still yield four times the signal strength of the standard 2dBi antenna. However, the antenna is not weather-proof; thus not suitable for outdoor use.



#### Specification

##### Connector type

- Male Reversed SMA to Male N-Type
- connects indoor AP to Outdoor Antenna

##### Length

- 30cm
- Special length available upon request

##### Impedance

- 50 Ohms nominal

##### Capacitance

- 32 pF/ft

##### Cut Off Frequency

- 65 Ghz

##### Structure:

**Conductor:** OD .060

**Shield:** 38 AWG SPC, OD 0.078" Nom.

**Jacket:** OD 0.098"

##### Attenuation

- dBi at 30cm with 2 connectors
- 1Ghz: 25.7 dB/100ft
- 2Ghz: 37 dB/100ft
- 3Ghz: 46 dB/100ft
- 4Ghz: 53.8 dB/100ft
- 5Ghz: 60.9 dB/100ft
- 6Ghz: 67.3 dB/100ft

##### Physica

- Weight per 1000ft: 12.2 lbs max
- Minimum Bend Radius: 0.5"

##### Temperature:

- Operating: -55 to +200 degree C

#### Ordering Information

**RG316-SNM-30** 30cm AP to Outdoor Antenna Cable