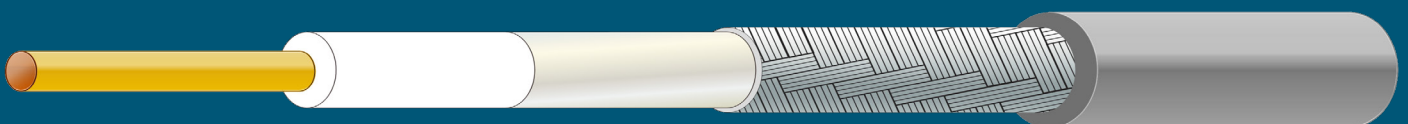
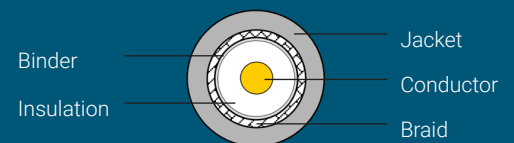


# CAB-RF-1M

The RF cable **CAB-RF-1M** is a coaxial cable that has N-type connectors and shrinks film at both ends. Cable length equals one meter. It is designed to plug Infinet Wireless devices like Um, Q5-E, Q6-E, E5-STE, E6-STE, E5-BSE, E6-BSE, R5000-Omx, R5000-Lmn models to external antennas.



## Structure Figure



### Conductor

**Material:**  
Solid Copper Claded Aluminum Wire

**Diameter:**  
Approx. 2.74 mm

### Insulation

**Material:**  
Foam polyethylene

**Diameter:**  
Approx. 7.24 mm

### Binder

**Material:**  
Aluminum/PE Tape

**Diameter:**  
Approx. 7.35 mm

### Single Braid

**Material:**  
0.16mm Aluminum alloy wire

**Diameter:**  
Approx. 8.1mm

### Jacket

**Material:**  
PE / PVC

**Color:** Black  
**Diameter:**  
Approx. 10.3 mm

## Electrical properties (At 20 °C)

Parameter	Description
Conductor resistance Inner conductor	Nom. 4.56 Ω/km
Voltage withstanding	2.5 KV rms/1min
Velocity of propagation	Nom. 85 %
Impedance	Nom. 50 Ω @200MHz
Capacitance	Nom. 78.0 pF/m
Insulation resistance	Min. 1,000 MΩ-km
VSWR	Max. 1.3 @30~2500 MHz

## Attenuation

Frequency (MHz)	dB/100M	dB/100 ft
2000	19.6	5.98
2500	22.2	6.77
5800	35.5	10.83

## Environmental Specification

Parameter	Description
Installation temperature range	-40 °C ~ +85 °C
Storage temperature range	-70 °C ~ +85 °C
Operating temperature range	-40 °C ~ +85 °C

## Mechanical Specification

Parameter	Description
Minimum bend radius	25.4 mm
Cable Weight	0.082 kg/m