

SENCITY® Omni-S Dome

1399.19.0024

Properties

- Omni-directional broad-band Wi-Fi antenna
- Dual-band IEEE 802.11 a/b/g/h
- Broad-band 2.4 to 6 GHz
- WLAN, LTE 2.6, WiMAX
- For indoor application



Electrical bands			
	Band 1	Band 2	Band 3
Frequency	2400 MHz ... 2500 MHz	2500 MHz ... 4900 MHz	4900 MHz ... 6000 MHz
VSWR	1.6	1.5	1.5
Impedance	50 Ω	50 Ω	50 Ω
Gain	4 dBi	4 dBi	7.5 dBi
HPBW horizontal	360 °	360 °	360 °
Ambient Temperature	25 °C	25 °C	25 °C
Composite Power max	160 W	120 W	120 W

Ports

	Port 1
Connector	SMA, jack (female)
Polarization	vertical
DC grounded	No

Mechanical data

Weight	0.3 kg
Dimensions	43 mm x 86 mm (Height x Diameter)
Windload	front: 10 N at 160km/h, Wind Speed survival: 160 km/h

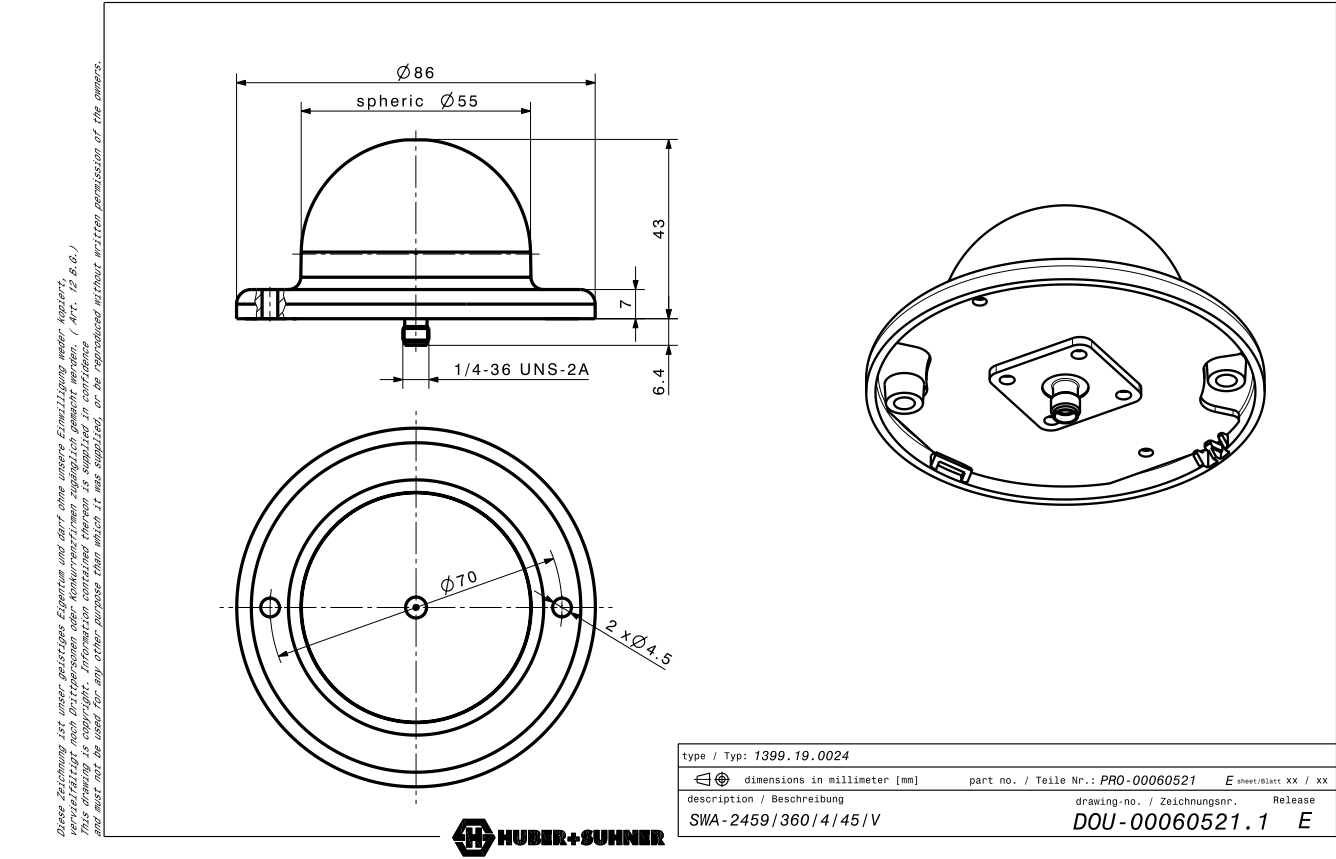
Interface and material data

Radome material	ASA (acrylic ester-styrene-acrylonitrile)
Radome colour	RAL 7035 (light-grey)
Back plate/base plate material	Aluminum

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Environmental data	
Operation temperature	-40 °C ... 80 °C
Storage temperature	-40 °C ... 80 °C
Transport temperature	-40 °C ... 80 °C
Environment (application)	Indoor

Outline drawing



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