



SECTRON offers a wide range of Low-Power Wide-Area Network (LPWAN).

LPWAN is a type of wireless telecommunication wide area network designed to allow long-range communications at a low bit rate among things (connected objects), such as sensors operated on a battery at IoT machine-to-machine (M2M) applications such as meter reading, remote sensors, traffic control, and industrial controllers. Our antennas are designed for specific band frequencies without interferences of other bands.

## 868 MHz Antennas



AO-A868-SMVS1    AW-A868-79S    AO-A868-G402S    AO-A868-G410S    AO-A868-G015-RS    AO-A868-YASS

	RFID / SigFox / ISM / LoRa / Zig-Bee					
Technology	RFID / SigFox / ISM / LoRa / Zig-Bee					
Impedance	50 Ω	50 Ω	50 Ω	50 Ω	50 Ω	50 Ω
Gain	2 dBi	1 dBi	2 dBi	3 dBi	2 dBi	10 dBi
VSWR	<1.3:1	<1.51:1	<2.5:1	<2.0:1	<2.0:1	<2.0:1
Max. Output Power	10 W	10 W	10 W	10 W	10 W	
Directivity	Omni-directional	Omni-directional	Omni-directional	Omni-directional	Omni-directional	Directional
Polarization	Linear	Linear	Linear	Linear	Linear	Linear
Execution	External	External	External	External	External	External
Radiation angle	H 360°/V 30°	H 360°/V 30°	H 360°/V 30°	H 360°/V 30°	H 360°/V 30°	H 30°/V 30°
Operation temp.	-20 °C to +60 °C	-20 °C to +55 °C	-40 °C to +85 °C	-40 °C to +85 °C	-40 °C to +85 °C	-40 °C to +85 °C
Connector	SMA (m)	SMA (m)	SMA (m)	SMA (m)	SMA (m)	SMA (m)
Mounting	Screw	Screw	Screw	Screw	Screw	Mounting 10 m cable length
Weight	2.89 g	11.1 g	9.62 g	25.4 g	8.34 g	865 g
Dimensions	17.5 × 7.0 mm	87 × 26.5 mm 104 × 10 mm	108 × 10 mm 85.7 × 33.2 × 10 mm	197 × 12.9 mm 173 × 37.3 × 12.9 mm	87.2 × 16.8 × 9.2 mm	540 × 179.8 mm

# Tailor-made Production of Cable Adaptors



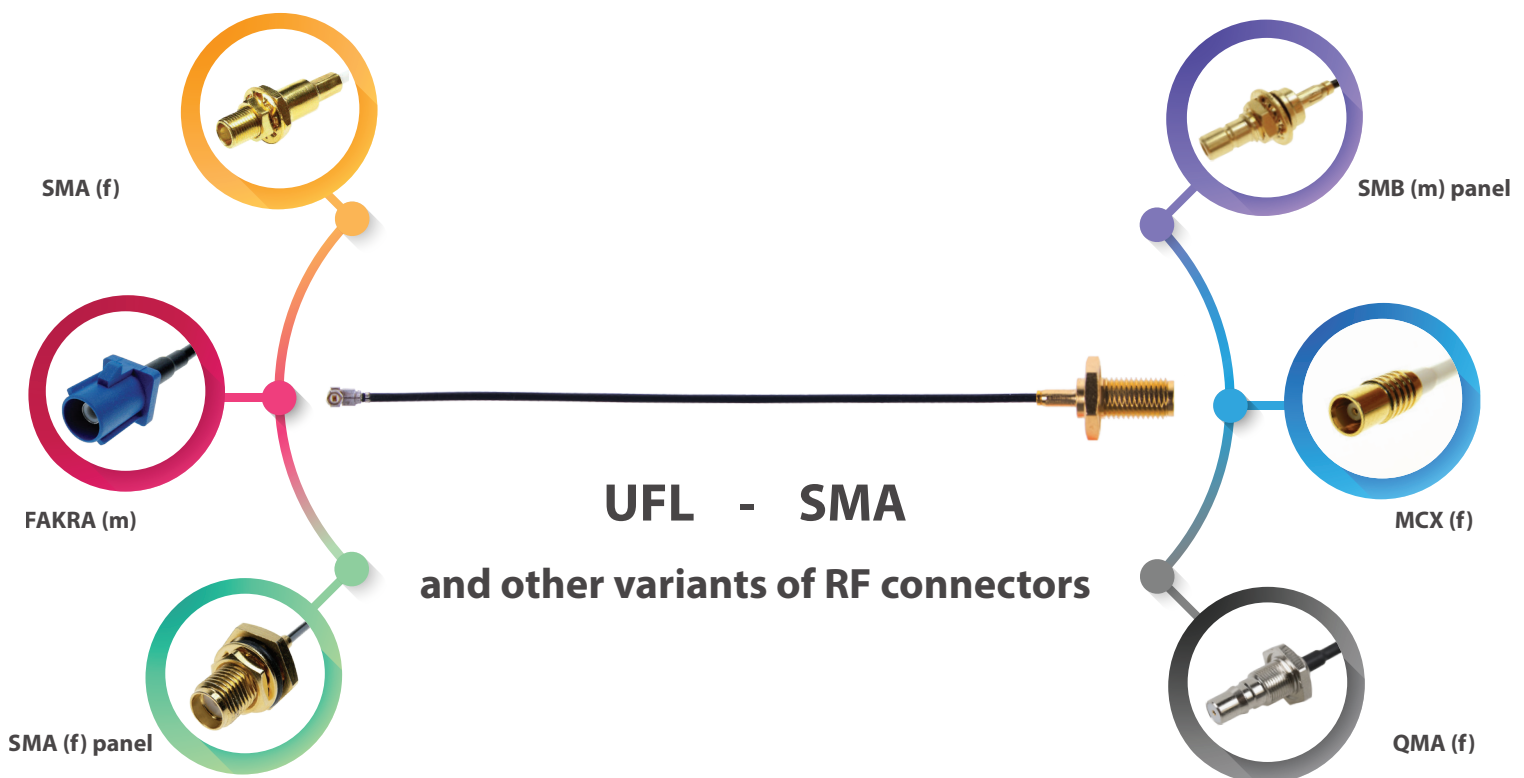
SECTRON has been producing Tailor-made Cable Adaptors since 2001. We specialize in: Production of cable adaptors and extensions, Production of power cables, Modifications of power supplies, Production of serial RS232 data cables and Production of cable bundles according to the customer's request


SECTRON product portfolio includes a selection of coaxial cables in diameters from 0.8 mm to 10 mm suitable for frequencies up to 6 GHz. The capacity of our own production line is more than 500 RF cable adaptors a day.

Coaxial connectors have to be of precise dimensions and have a quality surface finish to ensure repeated connections and disconnections. They have to provide an absolute conductive electrical contact. The contacts should be abrasion-resistant and maintain their electrical properties even after repeated connections and disconnections. This is achieved through the careful selection of materials and geometry of the contact elements.

Connectors are further divided into straight, angular and other parameters as required by mounting and properties. We offer the following types of connectors:

BNC, FAKRA, FME, GSC, HFL, IPEX-MHX, MC CARD, MCX, MCX-RP, MMCX, N, SMA, SMA-RP, SMB, SMP, TNC, U.FL. Thanks to our wide range of connectors, we ensure high quality and stock availability.



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