



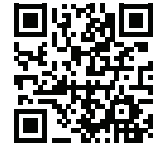
# solutions catalogue

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AUREL - Italy based company with over 40 years of experience, focusing on low power RF modules. AUREL products include thick film hybrid with custom design and assemblies, proprietary design radio frequency modules, avionic application modules, medical instruments and remote controls.

**CZ** AUREL je italská společnost s více než čtyřicetiletými zkušenostmi, která se zaměřuje na nízkovýkonové RF moduly. Mezi produkty AUREL patří: hybridní moduly se zákaznickým designem, RF moduly, moduly pro letecké aplikace, lékařské přístroje a dálkové ovladače.

**DE** AUREL ist ein italienisches Unternehmen mit mehr als 40-jährigen Erfahrungen, welches sich auf Kleinleistungs-HF-Module spezialisiert. Zu den Produkten von AUREL zählen: Dickfilmhybride mit kundenspezifischem Design, HF-Module, Module für Luftfahrtapplikationen, medizinische Geräte und Fernbedienungen.

**HU** Az olaszországi székhelyű AUREL cég több mint 40 éves tapasztalattal az alacsony fogyasztású RF modulokra szakosodott. Termékei közt megtalálhatóak: a vastag filmrétegű hibridek egyedi dizájnnal és összeszereléssel, saját tervezésű rádiófrekvenciás modulok, repülélelektronikai modulok, orvosi műszerek és távvezérlők.

**PL** AUREL - włoska spółka z ponad 40-letnimi doświadczeniami, zajmuje się modułami RF niskich mocy. Produkty AUREL zawierają: hybrydowe układy grubowarstwowe z własnym designem i montażem, firmowe opracowania modułów częstotliwości radiowych, moduły do aplikacji lotniczych, instrumenty medyczne oraz systemy sterowania zdalnego.

**RO** AUREL - o societate cu sediul în Italia cu peste 40 de ani de experiență, specializată în producția de module RF de putere mică. Produsele AUREL includ: pelicule groase hibrid cu design și montare personalizate, module de radiofrecvență cu tehnologie brevetată, module pentru aplicații aeroelectronice, instrumente medicale și telecomenzi.

**SK** AUREL je talianská spoločnosť s viac ako 40 - ročnými skúsenosťami, ktorá sa zameriava na nízkovýkonové RF moduly. Medzi produkty AUREL patria: hrubovrstvé hybridy so zákaznickým dizajnom, RF moduly, moduly pre letecké aplikácie, medicínske zariadenia a diaľkové ovládače.

The high versatility of the thick film technology allows economical benefits in many different application fields like biomedical, industrial control, automotive, consumer, military and scientific research. From Aurel portfolio we offer mainly various communication RF modules, receivers, transceivers, decoders and keyfob remote controls.

### Why AUREL?

- company specialized on low power RF modules
- over 40 years of experience
- very good price/ performance ratio

433.92MHz 868.30MHz 2.4GHz



Model	Function	AM	FM	Frequency (MHz)	Supply (V)	Current (mA)	Dimension (mm)
D4ML	Decoder				5+15	1	51.2 x 18.4 x 4.3
TX12E 1/2 TK SAW 433	Keyfob	●		433.92	12	10	65.5 x 37 x 15
TX12E 1/2/4 C 433	Keyfob	●		433.92	12	7	75 x 44 x 18.5
D1MB	Decoder				5	1	40 x 16.8 x 3.5
D2MB	Decoder				5	1	51.2 x 16 x 4.3
TX 1/2 TK SAW 433	Keyfob	●		433.92	12	10	65.5 x 37 x 15
TX 1/2/4 C 5026	Keyfob	●		433.92	12	10	75 x 43.6 x 18.5
TX 869 BOOST	Transmitter		●	868.40/869.65	5	420	33 x 23 x 8
RX-FM8SF 869.50	Receiver		●	869.50	5	5.6	40.3 x 17.5 x 5
RX AUDIO 2.4	Audio Receiver			2.400/2483.5	2.2+3.6	65	47 x 32 x 7
SIR 2008 HCS/HT12E	IR Sensor	●		433.92	2.1+3.6	9	120 x 60 x 45
SIR 2008 HCS/145026	IR Sensor	●		433.92	2.1+3.6	9	120 x 60 x 45
AS 433	Vertical Antenna			433.92			34 x 170
AS 868	Vertical Antenna			868.30			34 x 90
GP 433	Ground Plane Antenna			433.92			110 x 255
GP 868	Ground Plane Antenna			868.30			190 x 460
T, T-A	Stylus Antenna			433.92			10 x 90
T8, T8/A	Stylus Antenna			868.30			10 x 90
A24	High Gain Antenna			2.400			188 x 133 x 40
RP SMA 2.4	ZigBee Antenna			2.400-2.500			10 x 108





Model	Function	AM	FM	Frequency (MHz)	Supply (V)	Current (mA)	Dimension (mm)
BC-NBK	Receiver	●		433.92	5	2.5	38.1 x 13.7 x 5.5
AC-RX2	Receiver	●		433.92	5	2.5	38.1 x 12.3 x 5.5
AC-RX2/CS	Receiver	●		433.92	5	2.5	38.1 x 12.3 x 5.5
BC-NB 3V3	Receiver	●		433.92	3.3	0.4	38.1 x 13.7 x 5.5
RX-4M25RR01SF	Receiver	●		433.92	2.5	0.07	40.1 x 17.5 x 5.5
RX-4M30RR01SF	Receiver	●		433.92	3	0.07	40.1 x 17.5 x 5.5
RX-4MA2	Receiver	●		433.92	5	0.7	39 x 15 x 3
RX-4MM3/F	Receiver	●		433.92	3	5.8	39 x 17.5 x 5
RX-4MM5/F	Receiver	●		433.92	5	5.8	39 x 17.5 x 5
RX-4MM3++/F	Receiver	●		433.92	3	7.5	36.5 x 14.5 x 4.5
RX-4MM5++/F	Receiver	●		433.92	5	7.5	36.5 x 14.5 x 4.5
RX-MID 3V	Receiver	●		433.92	3.3	5.6	25.4 x 12.4 x 2.5
RX-4M50RR30SF	Receiver	●		433.92	5	3	40.1 x 17.5 x 5.5
RX-AM4SF	Receiver	●		433.92	5	6.5	40.3 x 17.5 x 5
RX-AM8SF	Receiver	●		868.30	5	6.5	40.3 x 17.5 x 5
RX-FM4SF 433.92	Receiver		●	433.92	5	5.6	39 x 15 x 3
RX-FM4SF 434.15	Receiver		●	434.15	5	5.6	39 x 15 x 3
RX-FM8SF 868.30	Receiver		●	868.30	5	5.6	39 x 15 x 3
TX-SAW MID 3V - 5V	Transmitter	●		433.92	1.8+5.5	3+7	25 x 12.5 x 2.5
TX-SAW MID 3V/CS - 5V/CS	Transmitter	●		433.92	1.8+5.5	3+7	25 x 12.5 x 2.5
TX-SAW 433 s/Z	Transmitter	●		433.92	3+12	5	38.1 x 13.2 x 3
TX-FM-MID	Transmitter		●	433.92	3	11+16	25.4 x 12.5 x 3
TX FM 868 MID	Transmitter		●	868.30	3	11+16	25.4 x 9 x 3
TX-8LAVSA05	Transmitter	●		868.30	20+50	2.7+5	38.1 x 13.7 x 3
TX FM 868	Transmitter		●	868.30	5	24	33 x 13.5 x 3
TX-4M10HA - HA/V	Transmitter	●		433.92	3	25	56 x 18.5 x 10
TX-8L25IA - IA/V	Transmitter	●		868.30	3	25	56 x 18.5 x 10
RTX MID 3V - 5V	Single Ch Transceiver	●		433.92	3/5	15	25.4 x 12.4 x 2.5
RTX RTL 434	Single Ch Transceiver	●		433.92	3	15	66.3 x 17.2 x 5
XTR-434	Single Ch Transceiver		●	433.92	5	11	33 x 23 x 8
XTR-7020A-4 / A-8	Multi Ch Transceiver		●	433/868	3	40	33 x 23 x 8
WIZ-7020A-4 / A-8	Multi Ch Transceiver		●	433/868	5	40	68 x 40 x 10
XTR CYP 2.4	Multi Ch Transceiver		DSSS	2402/2481	3.3	100	35 x 25 x 7
XTR VF 2.4 LP	Multi Ch Transceiver		DSSS	2402/2497	1.8+3	35	35 x 25 x 7
RX-4MHCS	Receiver	●		433.92	5	3	39 x 17.5 x 5
HCS-DEC 1/2/4	Decoder Board	●		433.92	12/24	52/62	65 x 45 x 18
HCS-TX 1/2/3	Keyfob	●		433.92	3	10	54 x 43 x 11
HCS-TX 1/2/3 868	Keyfob	●		868.30	3	10	54 x 43 x 11
HCS-FM-TX 1/2/3	Keyfob		●	433.92	3	10	54 x 43 x 11
HCS-FM-TX 1/2/3 868	Keyfob		●	868.30	3	10	54 x 43 x 11
TX 1/2/3 HCS 433	Keyfob	●		433.92	12	10	56.5 x 35 x 13.5
TX 2/4/6 M HCS	Keyfob	●		433.92	3	7	75 x 40 x 16
TX 2/4/6 M HCS 868	Keyfob	●		868.30	3	7	75 x 40 x 16
TX 12 CH	Keyfob	●		433.92	12	7	85.5 x 54 x 10.4

GSM / GPRS / GPS Communication Modules Antennas