

UNDERWATER  
COMMUNICATION & NAVIGATION  
LABORATORY

<https://www.unavlab.com>  
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## RT-1.524525-1

14.02.2020 15:09:11

UNDERWATER ACOUSTIC TRANSCIEVER ANTENNA

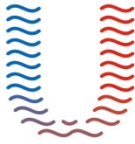
### KEY FEATURES

- Patented monoblock design
- Complete absence of corrosive elements
- Single piezoelement antenna - balance between sensitivity in receiving and transmission modes, weight and size
- High-quality shielded cable in polyurethane insulation
- Mounting groove

### TECHNICAL SPECIFICATION

<b>DIMENSIONS (<math>\Phi</math> x h)</b>	<b>64 x 65 mm</b>
<b>WEIGHT (dry)</b>	<b>0.28 kg</b>
<b>MAX. INPUT VOLTAGE (PEAK)</b>	<b>200 V</b>
<b>ELECTRICAL CAPACITY</b>	<b>20 +/- 5 nF</b>
<b>MAX. EXTERNAL HYDROSTATIC PRESSURE</b>	<b>30 Bar</b>
<b>CABLE LENGTH</b>	<b>1 m</b>
<b>WORKING TEMPERATURE RANGE</b>	<b>-40..+60 °C</b>
<b>CABLE DIAMETER</b>	<b>5 +/- 0.5 mm</b>

- As an option, antennas can be supplied with pre-amplifier with following gains: 100, 1000, 10000
- As an option, antennas can be supplied with a band-pass filter with default band 10..30 kHz. The band can be changed by a special request.



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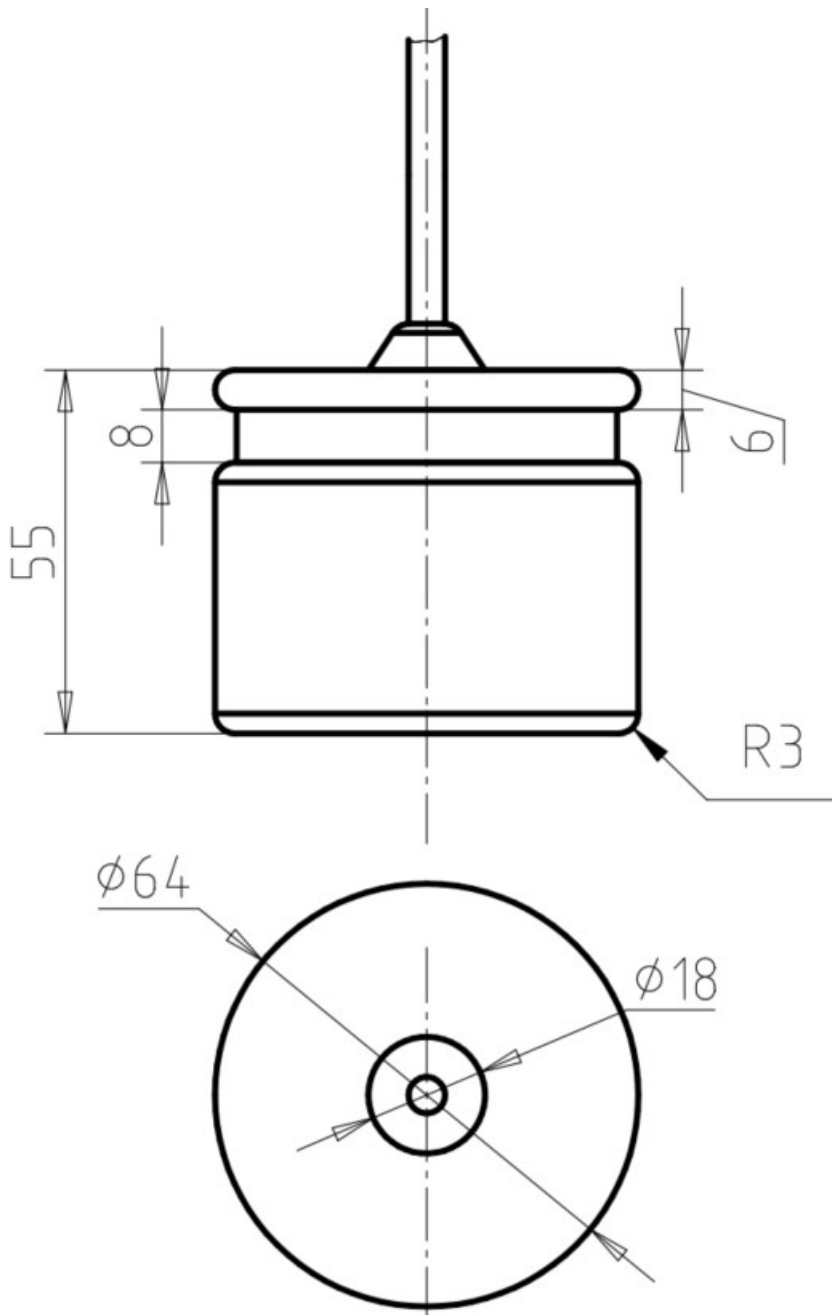


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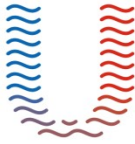
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## DRAWINGS



Cable wires functions		
Nº	Color	Function
1	Green	SIGNAL
2	Black	NC
3	White	NC
4	Brown	COMMON
5	Shield	NC



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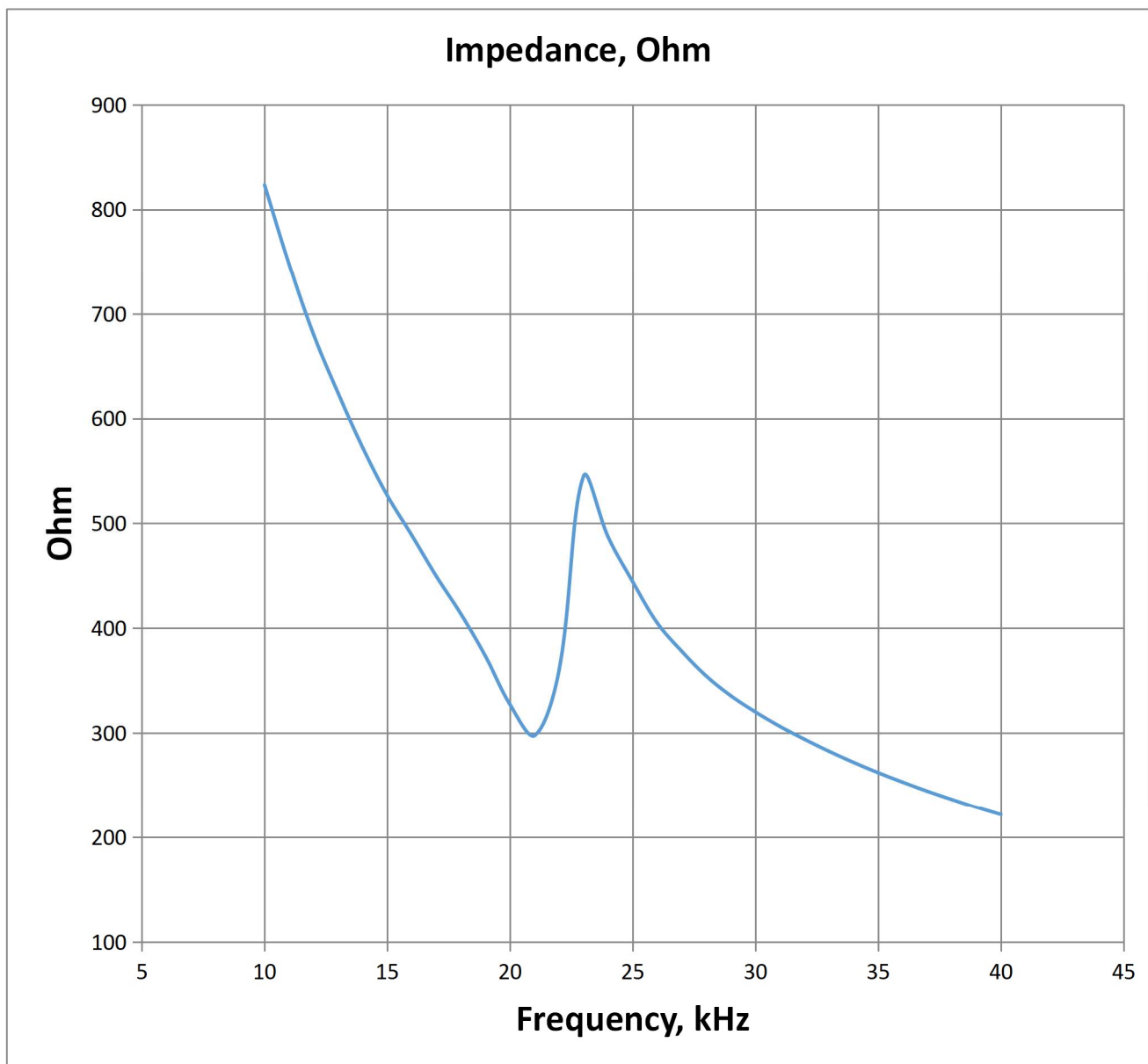


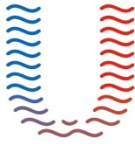
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## ADDITIONAL PARAMETERS





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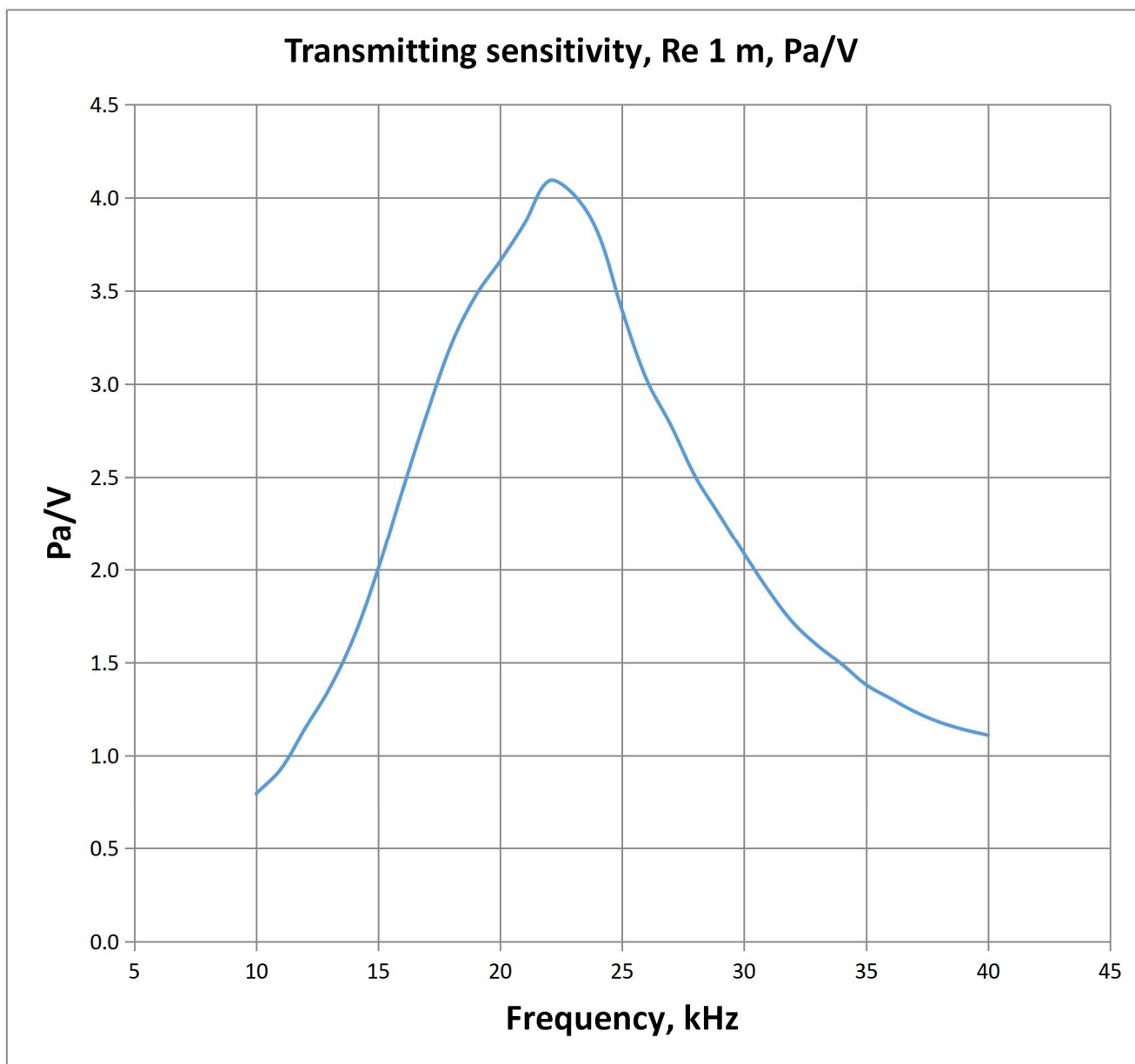
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