



## Dual Channel Preamplifier for **ISONIC Series Instruments**



**Sonotron NDT**

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## SA 80442 Fixed Gain Dual Channel Preamplifier Package Including

- Dual Channel Preamplifier
- Set of 2 low noise coaxial cables (10 meters length each) for connection to the signal input of ISONIC instrument

### Technical Data

Independent Channels	2
Frequency Band	0.2...25 MHz at -3 dB
Advanced Low Noise Design	34 nV peak to peak input referred to 20 dB gain / 25 MHz bandwidth
Gain	20 dB
Output Impedance	50 $\Omega$
Output Driving Capacity – Cable Length	$\leq$ 30 m
Terminals	Input 2 X LEMO 00 Output 2 X LEMO 01
Power	4 X Dry Alkaline Batteries AA Size
Flashing LED Indicators	Channel 1 Switch ON Channel 2 Switch ON Low Battery
Housing	Sealed IP 67 Rugged Aluminum Case
Dimensions	62 X 30 X 112 mm (2.44 X 1.18 X 4.4")
Weight	320 g (0.7 lbs)

SA 80442 Fixed Gain Dual Channel Preamplifier Package from Sonotron NDT improves long cable connection to ultrasonic probes, which may be required in NDT practice very often. Typical applications are TOFD, Corrosion Detection, and the like implemented through use of probes fitted into the scanner / crawler frame



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