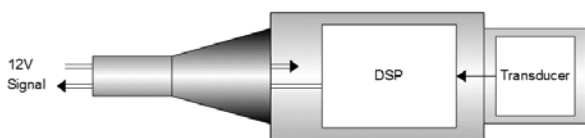


WL-21005 Receiver-D1

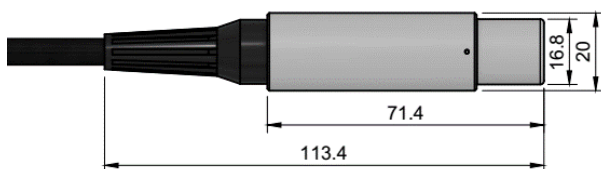
The *Receiver-D1* is a digital low-noise, high sensitivity hydroacoustic receiver that converts acoustic waves to a digital data stream. It can be used in both communication and location applications. The receiver is equipped with a wideband analog front-end with a large dynamic range followed by advanced digital signal processing functionality. The electrical interface complies with the Water Linked D1 communication standard. The receiver can be configured with different cable lengths and connectors.



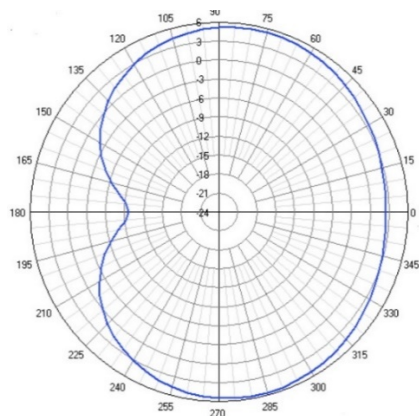
BLOCK DIAGRAM



DIMENSIONS



DIRECTIVITY



SPECIFICATIONS

Parameters	Value
Part number	WL-21005
Part name	Receiver-D1
Directivity	Omnidirectional
Depth rating	300 m
Max cable length	100 m
Signaling	2x twisted pairs
Cable type	PUR 6,3 mm
Cable connector	RJ45 or none
Device length	71 mm
Device diameter	20 mm
Device weight	36 g
Input voltage	10-16 V
Input current	35 mA
Operating temp.	-10°C to +60°C

ORDERING GUIDE

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PART NUMBER	
CONNECTOR TYPE	
J	RJ45
P	RJ45 - IP44
N	None
CABLE LENGTH	
001	1 m
005	5 m
010	10 m
025	25 m
050	50 m
100	100 m