

**Acuity® AR550 Ordering Guide**

**AR550 Part Number Information**

**AR550**

**Part# Description**

**AZ5W<sup>X</sup>ZZZZ AR550 ordering notes**

See the AR550 data sheet for model specifications.  
 All AR550s come with both a power/control cable and an Ethernet cable.  
 All AR550s come with RS232 serial communication and 0-10 V analog output.  
 Please verify part number and price with Acuity Sales prior to issuing a PO.

W= 1 for 70 kHz

X= 1 for RED laser\*  
 X= 2 for BLUE laser\*

ZZZZ = 0002 for 2mm range  
 ZZZZ = 0005 for 5mm range  
 ZZZZ = 0010 for 10mm range  
 ZZZZ = 0025 for 25mm range  
 ZZZZ = 0050 for 50mm range  
 ZZZZ = 0100 for 100mm range  
 ZZZZ = 0250 for 250mm range  
 ZZZZ = 0500 for 500mm range  
 ZZZZ = 0750 for 750mm range

Example part number: **AZ5110025** – AR550: 70 kHz maximum measurement frequency, red laser, 25 mm range, 0-10V, RS-232

\* Laser power outputs are based on the range and are not customizable. Please see the AR550 data sheet for details.

**AR550 Accessory Ordering Notes**

<b>AR550 Connectivity Kits</b>	
AQ7000001	Connectivity Kit – US Plug
AQ7000002	Connectivity Kit – EU Plug
AQ7000005	Connectivity Kit – US Plug (w/ serial to USB adapter)
AQ7000006	Connectivity Kit – EU Plug (w/ serial to USB adapter)

See page 2 for ordering descriptions.

### Ordering Descriptions

**Connectivity Kits:** Acuity sells a connectivity kit to aid in connecting your laser to a power supply and serial port. This product includes a 120V, 15 VDC, AC power supply; a serial cable with DB9 connector; and a solid-state, NEMA-4X interface box. The interface box includes two sets of terminal blocks for simple input (from sensor) and output (to your selected device), a DB9 male serial connector out, and a barrel style power connector in. You can either pass through the wiring to another unterminated cable, connect a DB9 serial cable directly to the interface box, or both at the same time.

**AQ7000001** - 120 V version with a US-style plug

**AQ7000002** - 240 V version with a European-style plug

**AQ7000005** - w/ serial to USB cable for ease of connection into industrial computers - US plug

**AQ7000006** - w/ serial to USB cable for ease of connection into industrial computers - Euro plug

**Cables:** AR550 sensors come standard a power/control cable and an Ethernet cable both 2m in length. Different cable lengths are available upon request.