



Image shows ASB340S

- Excellent shielding performance
- Highest quality materials and workmanship
- Very reliable and durable
- Designed for heavy duty use
- Comfortable operation due to specially designed ergonomic handle & locking mechanism
- Multiple EMI filter options for power, data and control interfaces

AWT's RF shield boxes are built to test and measure any kind of electronic module or device that needs to be protected from unwanted RF signals. Our shielding enclosures shield effectively against RF interferences, even under extreme RF environments. AWT's shield boxes are robust and for heavy duty applications. With their excellent shielding capabilities, even after thousands of cycles, they are well suited for R&D or high volume production. A wide range of high quality filters allow to control and communicating with the DUT with minimal influence of the shielding performance.

Specifications

Model	Shielding Performance	Frequency Range (MHz)	Inner Dimensions (with absorber, mm - in)	Outer Dimension (except handle, mm - in)
ASB250S	> 70 dB	700 ~ 2000	250 x 180 x 165	300 x 230 x 210
	> 75 dB	2000 - 6000	9.8 x 7.0 x 6.5	11.8 x 9.1 x 8.3
ASB300S	> 70 dB	700 ~ 2000	300 x 300 x 300	350 x 350 x 350
	> 75 dB	2000 - 6000	11.8 x 11.8 x 11.8	13.8 x 13.8 x 13.8
ASB340S	> 70 dB	700 ~ 2000	340 x 200 x 175	390 x 250 x 210
	> 75 dB	2000 - 6000	13.4 x 7.9 x 6.9	15.4 x 9.8 x 8.3
ASB370S	> 70 dB	700 ~ 2000	370 x 200 x 212	420 x 250 x 262
	> 75 dB	2000 - 6000	14.6 x 7.9 x 8.5	16.5 x 9.8 x 10.2
ASB600S	> 70 dB	700 ~ 2000	600 x 600 x 605	650 x 650 x 650
	> 75 dB	2000 - 6000	23.6 x 23.6 x 23.8	25.6 x 25.6 x 25.6

Specifications subject to change without further notification

RF & Microwave Technology

AWT provides advanced telecommunication technology products and analyzers for a variety of RF and Microwave applications.

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Order Information

Model	Description
ASB250S	RF Shield Box, Shielding >70 dB @ 0.5 to 2.0 GHz, >75 dB @ 2.0 to 6.0 GHz, Dimensions inside: 250 x 180 x 165 mm (9.8 x 7.1 x 6.5 in), Dimensions outside: 300 x 230 x 210 mm (11.8 x 9.1 x 8.3 in), Absorber 4.6T / Polyester Fiber 9T, Weight 15kg (33 lbs)
ASB300S	RF Shield Box, CUBE30, Shielding >70 dB @ 0.5 to 2.0 GHz, >75 dB @ 2.0 to 6.0 GHz, Dimensions inside: 300 x 300 x 300 mm (11.8 x 11.8 x 11.8 in), Dimensions outside: 350 x 350 x 350 mm (13.8 x 13.8 x 13.8 in), Absorber 4.6T / Polyester Fiber 9T, Weight 21kg (46.2 lbs)
ASB340S	RF Shield Box, Shielding >70 dB @ 0.5 to 2.0 GHz, >75 dB @ 2.0 to 6.0 GHz, Dimensions inside 340 x 200 x 175 mm, Dimensions outside 390 x 250 x 210 mm (15.4 x 9.8 x 8.3 in), Absorber 4.6T / Polyester Fiber 9T, Weight 18kg (39.6 lbs)
ASB370S	RF Shield Box, Shielding >70 dB @ 0.5 to 2.0 GHz, >75 dB @ 2.0 to 6.0 GHz, Dimensions inside 370 x 200 x 215 mm (14.6 x 7.9 x 8.5 in), Dimensions outside 420 x 250 x 260 mm (16.5 x 9.8 x 10.2 in), Absorber 4.6T / Polyester Fiber 9T, Weight 21kg (46.2 lbs)
ASB600S	RF Shield Box, CUBE60, Shielding >70 dB @ 0.5 to 2.0 GHz, >75 dB @ 2.0 to 6.0 GHz, Dimensions inside 600 x 600 x 605 mm (23.6 x 23.6 x 23.8 in), Dimensions outside 650 x 650 x 650 mm (25.6 x 25.6 x 25.6 in), Absorber 4.6T / Polyester Fiber 9T, Weight 120kg (265 lbs)

Options

Model	Description
ASB-SMA	RF-Port SMA(f)-SMA(f), 4-hole flange
ASB-N	RF-Port N(f)-N(f), 4-hole flange
ASB-DSUB9	D-SUB port for ASB, DSUB-9, 1000pf PI filter, 3Mbps/100VDC, 1A/pin, 5A max
ASB-DSUB25	D-SUB port for ASB, DSUB-25, 1000pf PI filter, 3Mbps/100VDC, 1A/pin, 5A max
ASB-USB2	USB-2.0 filter, 480Mbps / 5V, 500mA
ASB-USB3	USB-3.0 filter, 5000Mbps / 5V, 900mA
ASB-RJ45	Ethernet RJ45 filter, 1Gbit/s, Copper line, Ethernet (1000 BASE-T)
ASB-DCP	DC Port (high current) for ASB 48V / 10A, EMI Filter, Banana Jacks
ASB-ACP	AC Port max AC240V 5A, EMI Filter

Shielding characteristics of ASB shield boxes may change with optional filters / connectors.



Product Quality

AWT Global's products are designed to meet the highest quality standards to fulfill the strongest PIM requirements. Every individual product is tested for performance to ensure that AWT Global's customers receive the highest quality products