

Overall weight of doll and electronics

nearly all weights were given by the product provider and are as follows

Lithium Ion battery	22g (.77oz)
Plastic Speaker	4.6g (.162oz)
microSDHC card	.176 oz
Sparkfun FTDI	.16 oz
Charging cord (will not be included)	
Lilypad slide switch	.16 oz
Plush doll (17in)	3.21oz
Lilypad MP3	.353 oz
Lilypad button board	.352oz (x6 for 6 buttons)

we'll estimate about 4 feet of 24 AWG wire,
which weighs $\frac{2.11\text{lb}}{1600\text{ft}} \cdot \frac{x}{4} = x = .00525\text{lb} = \underline{.084\text{oz}}$ wire

simply adding

$$.77\text{oz} + .162 + .176 + .16 + .16 + 3.21 + .353 + (.352 \cdot 6) + .084$$

$$= 7.187\text{oz}$$

or

$$\approx .45\text{-.}5\text{lb}$$