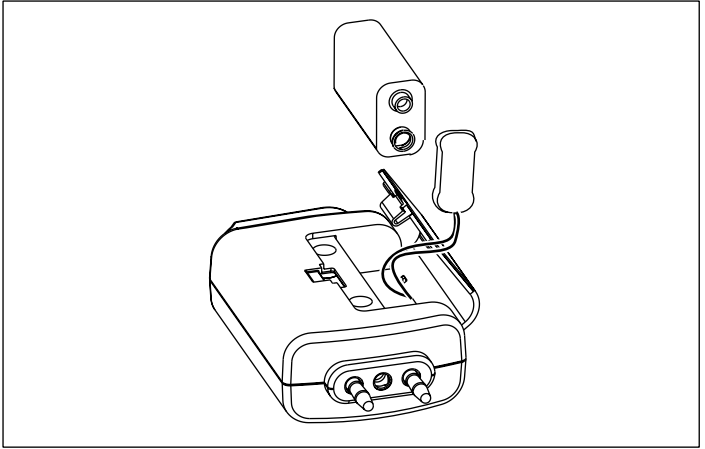


# Replacing the Battery

To replace the battery, refer to Figure 5.



aj5f.eps

Figure 5. Battery Replacement

## General Specifications

### Power Meter Specifications

Output:	1 mV per 1 dB
Input Connector Type:	Fixed ST
Photodetector Type:	Germanium
Application Range:	800 to 1600 nm
Calibrated wavelengths:	850, 1300, and 1550 nm
Acceptable fiber types (sizes):	9/125 to 100/140 $\mu\text{m}$
Operating range:	+3 to -50 dBm
Maximum power level:	+5 dBm
Absolute accuracy:	$\pm 0.25$ dB, (Specified at 25°C & -10.0 dBm per NIST standard)
Relative accuracy:	$\pm 0.15$ dB, (Specified over any 10 dB within measurement range)
Repeatability:	$\pm 0.04$ dB
Battery type:	9V alkaline, NEDA 1604A or IEC 6LR61
Battery life:	16 hours minimum, 100 hours typical, 9V alkaline
Low battery indication:	Blinking LED indicator
Operating temperature:	0 to +40°C
Storage temperature:	-20 to +70°C
Humidity:	0 to 40°C, up to 75% RH
Electromagnetic Compatibility:	Total Accuracy =
RF Field $\leq 1$ V/m	Specified Accuracy
RF Field = 3 V/m	Specified Accuracy + 2.5 dB

## Source (850, 1300, 850/1300) Specifications

Type:	Infrared LED
Wavelength:	850 ± 30 nm 1300 ± -40/+50 nm 850/1300 ± 30 nm, -40/+50 nm
Output power:	-20 dBm, nominal into 62.5/125 micron multimode fiber
Output connector type:	Fixed ST
Beam divergence:	0.3 radians
Pulse duration:	Continuous wave
Maximum output:	200 μW (radiated into free space)
Stability:	±0.2 dB per 8 hours at 20°C after 20 minute warmup
Temperature coefficient:	-0.08 dB per °C, < 18°C or > 28°C
Battery type:	9V alkaline, NEDA 1604A or IEC 6LR61
Battery life:	16 hours minimum, 24 hours typical, 9V alkaline
Low battery indication:	Blinking LED indicator
Operating temperature:	0 to +40°C
Storage temperature:	-20 to +70°C
Humidity:	0 to 40°C, up to 75% RH

## Service

For service information in the U.S.A., call 1-800-825-9810.  
Outside the U.S.A., contact an authorized service center.

To locate an authorized service center, visit us on the World Wide Web: [www.fluke.com](http://www.fluke.com) or call Fluke using any of the phone numbers listed below:

1-800-443-5853 in U.S.A and Canada

31 40 267 8200 in Europe

206-356-5500 from other countries