



# IT-90x50-FRO

Low Frequency Passive RFID Tag



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| <b>Description</b> | <ul style="list-style-type: none"><li>• Submersible, long read range</li><li>• Large ferrite core for metallic environment</li></ul> |
| <b>Transponder</b> | Amplitude shift keying, Manchester, 64 bit read only, 40 bit serial number   |
| <b>Read Speed</b>  | 1,953 bits per second (35 ms read time typical)  |
| <b>Frequency</b>   | 125 kHz $\pm$ 6 kHz  |
| <b>Dimensions</b>  | 90 mm x 50 mm cylinder   |
| <b>Weight</b>      | 300 g (11 oz)  |
| <b>Material</b>    | White PVC and epoxy  |
| <b>Protection</b>  | IP68   |
| <b>Temperature</b> | Operating: -20°C to +50°C<br>Storage: -20°C to +90°C   |
| <b>Read Range</b>  | Reader dependent (40+ cm with TR-R01-WM)   |
| <b>Part Number</b> | IT-90x50-FRO   |
| <b>Price</b>       | \$35.00 each (contact us for volume pricing)   |