

### FEATURES

- Coiled cables to connect *iButtons*® to 1-Wire® networks
- Convenient, off-the-shelf connectivity
- Blue Dot Dual Receptors for momentary (F3/F5 MicroCan) or dwelled contact (F5 MicroCan only) with adhesive pad to mount on objects (DS1402D-DB8+, DS1402D-DR8+, each 2.4m max.)
- Touch-and-Hold Probes DS1402-BP8+, DS1402-RP3+ and DS1402-RP8+ for momentary touch (F3/F5 MicroCan) or dwelled contact (F5 MicroCan only) in 2.4m length max.

- *iButton* cable (DS1402-BR8) to connect DS1401 *iButton* Holder to USB or serial port 1-Wire adapters.
- Can be used with any Dallas Semiconductor port adapter

### ORDERING INFORMATION

|              |                  |
|--------------|------------------|
| DS1402D-DB8+ | 2.4m (8ft) cable |
| DS1402D-DR8+ | 2.4m (8ft) cable |
| DS1402-BP8+  | 2.4m (8ft) cable |
| DS1402-RP3+  | 0.9m (3ft) cable |
| DS1402-RP8+  | 2.4m (8ft) cable |
| DS1402-BR8+  | 2.4m (8ft) cable |

+ Denotes a lead(Pb)-free/RoHS-compliant product.

### DESCRIPTION

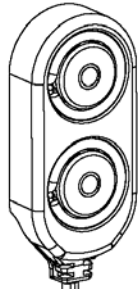
Using four basic types of connectors, 1-Wire RJ-11, *iButton*, Touch-and-Hold Probe, and Blue Dot Receptor, the DS1402 series of 1-Wire network cables provides connectivity for *iButtons*. The cables are designed to connect any USB, serial, or parallel port 1-Wire adapter to any *iButton*. Both, the *iButton* probe cables and the Blue Dot receptor cables can touch any *iButton*, but can only hold the F5 version *iButtons*. The DS1402-BR8+ is the only cable that connects to the DS1401 *iButton* Holder. Applications of the DS1402-series 1-Wire network cables range from software protection and access control to asset management and thermal monitoring through handheld computers.

### Connectivity Matrix

| Cable Part Number                                      | Connects From                                      | To                                          |
|--------------------------------------------------------|----------------------------------------------------|---------------------------------------------|
| DS1402D-DB8+<br>Blue Dot Receptor Cable                | DS1410E, DS1411, DS1413,<br>any version or DS1401  | any <i>iButton</i>                          |
| DS1402D-DR8+<br>Blue Dot Receptor Cable                | DS9490R, DS9097U (any<br>version), DS9097, DS9097E | any <i>iButton</i>                          |
| DS1402-BP8+<br><i>iButton</i> Probe Cable              | DS1410E, DS1411, DS1413,<br>any version or DS1401  | any <i>iButton</i>                          |
| DS1402-RP3+, DS1402-RP8+<br><i>iButton</i> Probe Cable | DS9490R, DS9097U (any<br>version), DS9097, DS9097E | any <i>iButton</i>                          |
| DS1402-BR8+                                            | DS9490R, DS9097U (any<br>version), DS9097, DS9097E | DS1401<br>Front Panel <i>iButton</i> Holder |

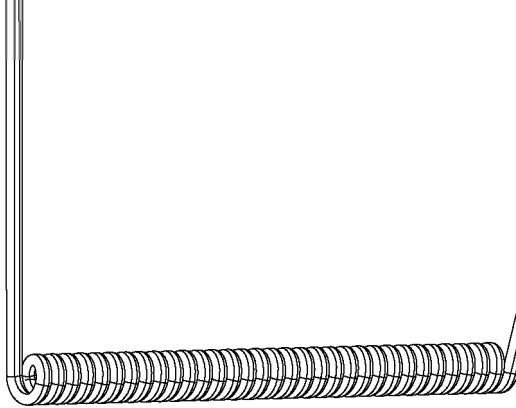
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## Blue Dot Receptor Cables



**DS1402D-DB8+**

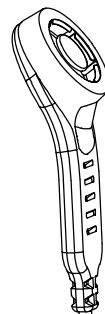
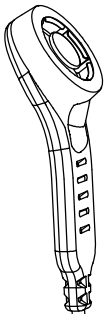
**DS1402D-DR8+**



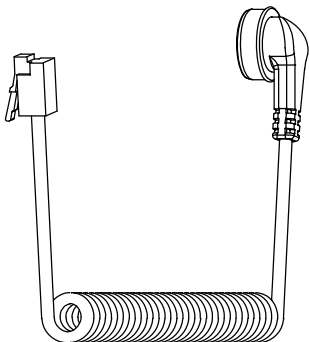
## iButton Probe Cables

**DS1402-BP8+**

**DS1402-RP8+  
DS1402-RP3+**



## iButton Holder Cable DS1402-BR8+



**REVISION HISTORY**

| <b>REVISION<br/>DATE</b> | <b>DESCRIPTION</b>                                               | <b>PAGES<br/>CHANGED</b> |
|--------------------------|------------------------------------------------------------------|--------------------------|
| 61809                    | Conversion to lead free. Added the DS1402-RP3+ to the datasheet. | 1, 2                     |