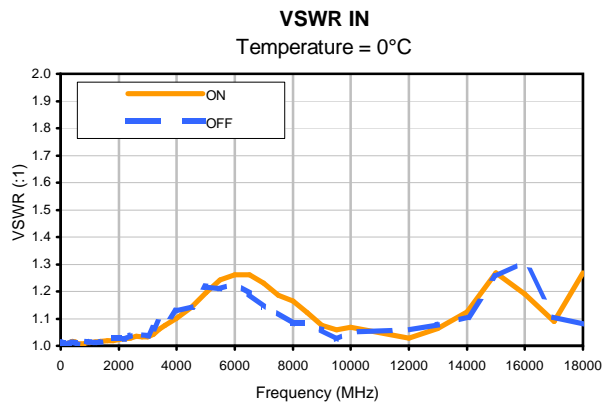
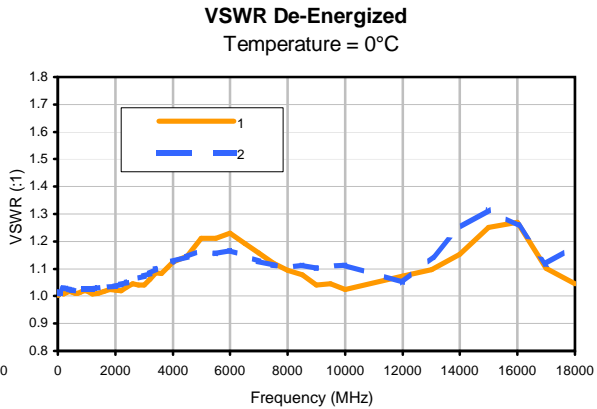
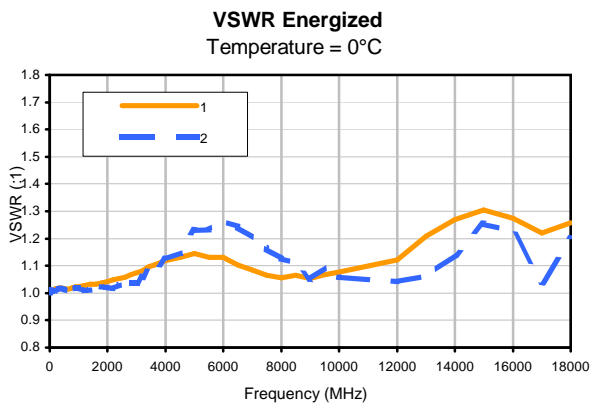
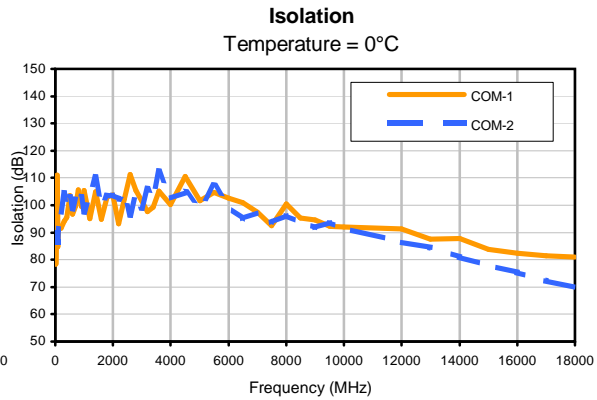
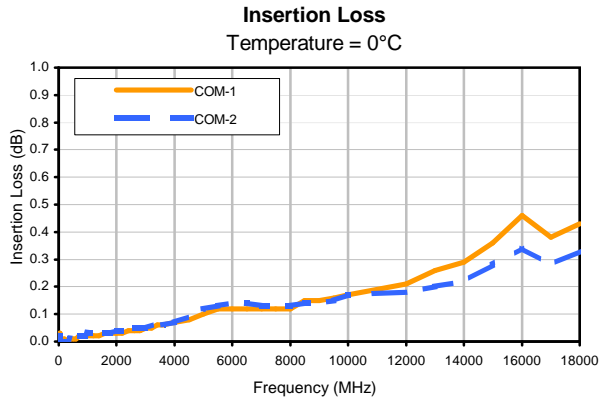


# Xtra Long Life USB RF SPDT Switch

# USB-1SPDT-A18

## Typical Performance Curves



ISO 9001 ISO 14001 AS 9100 CERTIFIED

P.O. Box 350166, Brooklyn, New York 11235-0008 (718) 934-4500 Fax (718) 332-4661 The Design Engineers Search Engine Provides ACTUAL Data Instantly at [minicircuits.com](http://minicircuits.com)

RF/MICROWAVE COMPONENTS

For detailed performance specs & shopping online see web site

Notes: 1. Performance and quality attributes and conditions not expressly stated in this specification sheet are intended to be excluded and do not form a part of this specification sheet. 2. Electrical specifications and performance data contained herein are based on Mini-Circuits' applicable established test performance criteria and measurement instructions. 3. The parts covered by this specification sheet are subject to Mini-Circuits' standard limited warranty and terms and conditions (collectively, "Standard Terms"). Purchasers of this part are entitled to the rights and benefits contained therein. For a full statement of the Standard Terms and the exclusive rights and remedies thereunder, please visit Mini-Circuits' website at [www.minicircuits.com/MCISBom/terms.jsp](http://www.minicircuits.com/MCISBom/terms.jsp).

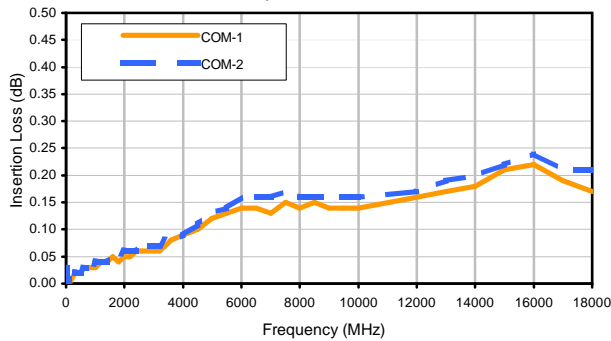
REV. OR  
USB-1SPDT-A18  
110105

# Xtra Long Life USB RF SPDT Switch

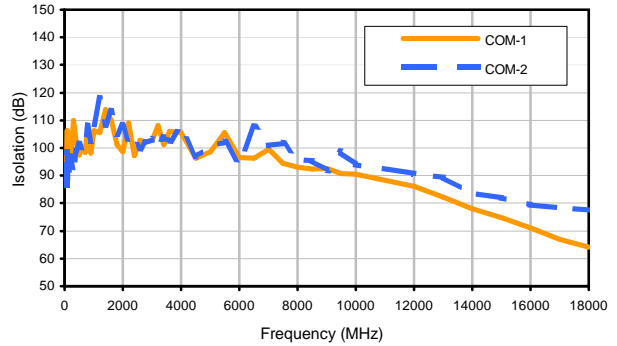
# USB-1SPDT-A18

## Typical Performance Curves

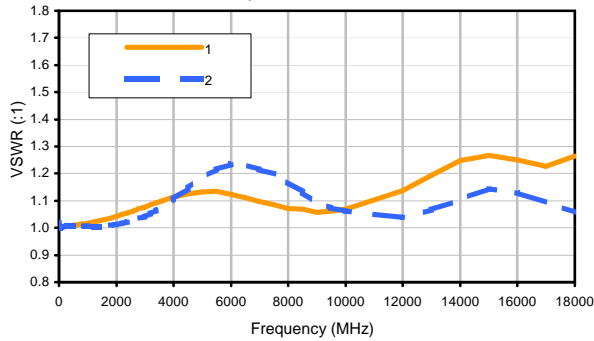
**Insertion Loss**  
Temperature = +25°C



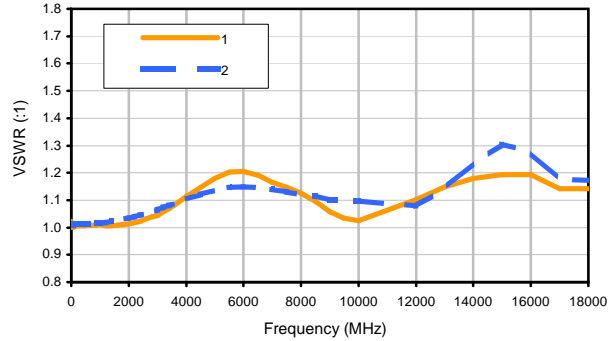
**Isolation**  
Temperature = +25°C



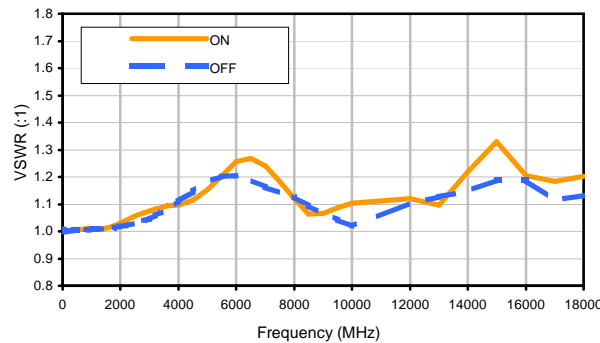
**VSWR Energized**  
Temperature = +25°C



**VSWR De-Energized**  
Temperature = +25°C



**VSWR IN**  
Temperature = +25°C



ISO 9001 ISO 14001 AS 9100 CERTIFIED

For detailed performance specs & shopping online see web site

P.O. Box 350166, Brooklyn, New York 11235-0008 (718) 934-4500 Fax (718) 332-4661 The Design Engineers Search Engine Provides ACTUAL Data Instantly at [minicircuits.com](http://minicircuits.com)

RF/MICROWAVE COMPONENTS

Notes: 1. Performance and quality attributes and conditions not expressly stated in this specification sheet are intended to be excluded and do not form a part of this specification sheet. 2. Electrical specifications and performance data contained herein are based on Mini-Circuits' applicable established test performance criteria and measurement instructions. 3. The parts covered by this specification sheet are subject to Mini-Circuits' standard limited warranty and terms and conditions (collectively, "Standard Terms"). Purchasers of this part are entitled to the rights and benefits contained therein. For a full statement of the Standard Terms and the exclusive rights and remedies thereunder, please visit Mini-Circuits' website at [www.minicircuits.com/MC3.5.htm#terms.jsp](http://www.minicircuits.com/MC3.5.htm#terms.jsp).

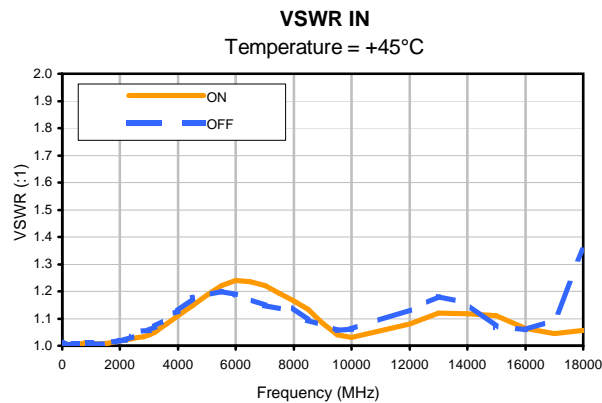
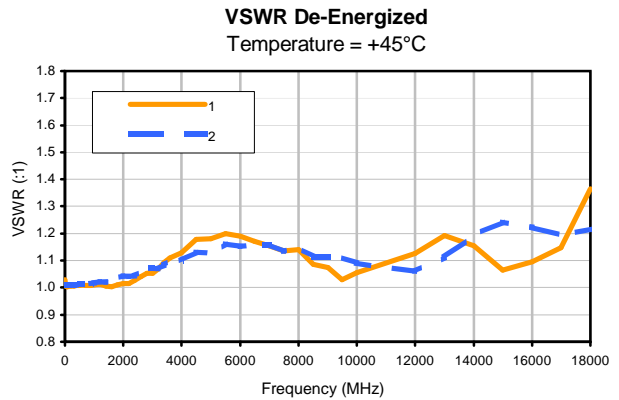
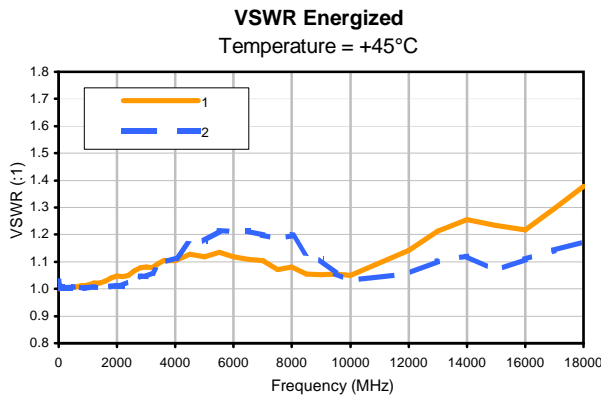
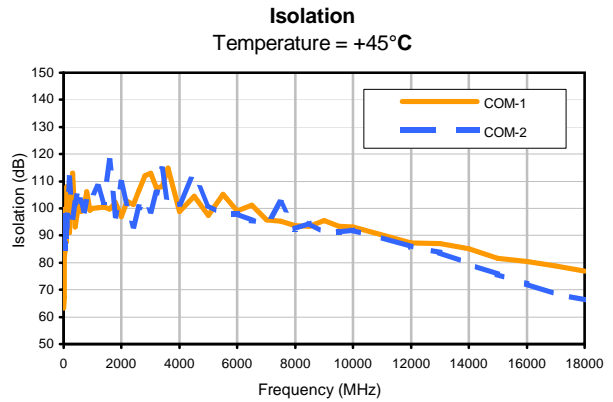
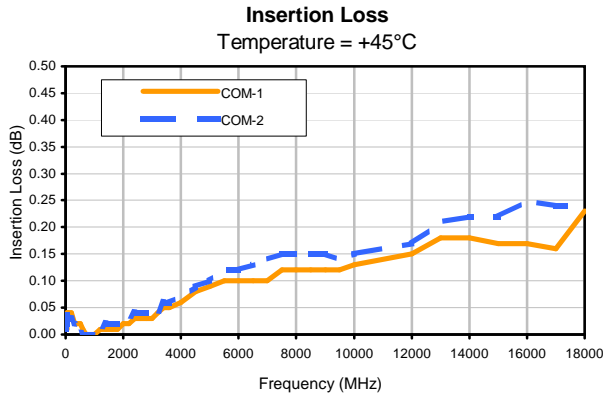
REV. OR  
USB-1SPDT-A18  
110105

Page 2 of 3

# Xtra Long Life USB RF SPDT Switch

# USB-1SPDT-A18

## Typical Performance Curves



P.O. Box 350166, Brooklyn, New York 11235-0008 (718) 934-4500 Fax (718) 332-4661 The Design Engineers Search Engine Provides ACTUAL Data Instantly at [minicircuits.com](http://minicircuits.com)

Notes: 1. Performance and quality attributes and conditions not expressly stated in this specification sheet are intended to be excluded and do not form a part of this specification sheet. 2. Electrical specifications and performance data contained herein are based on Mini-Circuits' applicable established test performance criteria and measurement instructions. 3. The parts covered by this specification sheet are subject to Mini-Circuits' standard limited warranty and terms and conditions (collectively, "Standard Terms"). Purchasers of this part are entitled to the rights and benefits contained therein. For a full statement of the Standard Terms and the exclusive rights and remedies thereunder, please visit Mini-Circuits' website at [www.minicircuits.com/MC3500/terms.jsp](http://www.minicircuits.com/MC3500/terms.jsp).

For detailed performance specs & shopping online see web site

REV. OR  
USB-1SPDT-A18

110105

Page 3 of 3