

Model QH11643 Uncategorized 90° Hybrids Surface Mount (SMT) & Drop

| PRODUCT DATA SHEET QH11643 | | | | | | | |
|----------------------------|--|--|--|--|------------------|-------------------------|--|
| | Our patented 3 dB 90° Hybrid Couplers provide: | | | | | | |
| | Superior component performance starting at 3:1 Bandwidth. Thicker center boards for high power and increased repeatability. Bonded structures which eliminate any air gaps between substrates. More sections per bandwidth for better coupling flatness. Electrically shorter and physically smaller RF components. | | | | | | |
| | Features: | Features: | | | | | |
| | High Power | Wide Bandw | vidths | Small Size | Connectorized | Drop-In & Surface Mount | |
| | Electrical Specifications: Frequency: 200 - 1000 MHz Power: 200 W CW Insertion Loss 0.4 dB Max. VSWR: 1.30:1 Max. Phase Balance: 90° ± 5° dB Max. Jolation: 19 dB Max. Isolation: 19 dB Min. Surface Mount Plating Options: QH11643-Pb: Electrodeposited Tin/Lead QH11643-Ag: Immersion Tin (RoHS Compliant) QH11643-Ag: Immersion Silver (RoHS Compliant) | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | Size: 2.8 x 0.75 x 0.16" | | | | | | |
| | Port Configu J1 Input 3 dB, 0° 3 dB, -90° Isolated | rations: J2 3 dB, 0° Input Isolated 3 dB, 90° | J3 3 dB, -90° Isolated Input 3 dB, 0° | J4 Isola 3 dE 3 dE Inpu | 3, -90° 3, 0° | | |
| | Werlatone's breakthrough technology allows us to build our existing line of Broadband 3 dB High Power 90° | | | | | | |

Werlatone's breakthrough technology allows us to build our existing line of Broadband 3 dB High Power 90° Hybrid Couplers. Connectorized 3 dB 90° Hybrid Coupler models are available with a choice of connectors. Several of our existing High Power 3 dB 90° RF Couplers are three port designs, wherein the difference port is internally terminated with a high power termination. This eliminates the need for a customer supplied external load for each Hybrid Coupler.

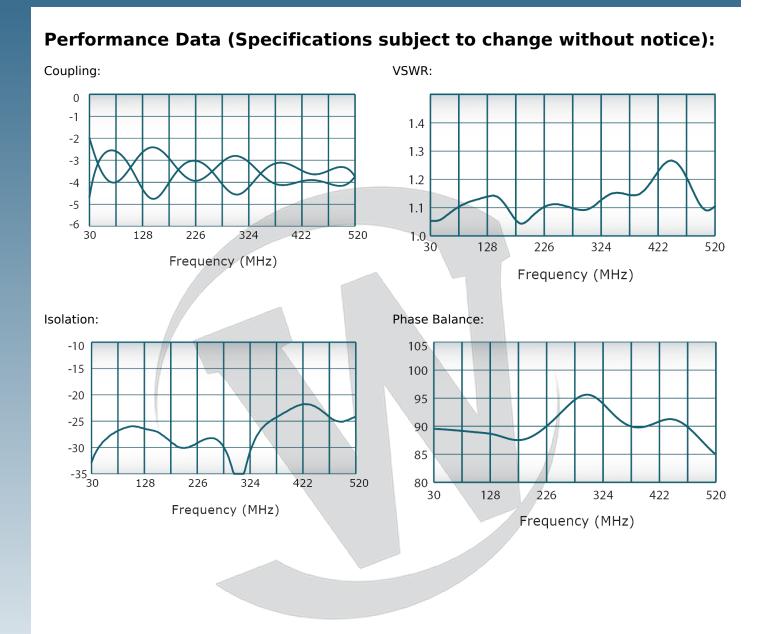
Restriction on use, duplication, or disclosure of proprietary information. This document contains proprietary information which is the sole property of Werlatone, Inc.

Werlatone, Inc. 17 Jon Barrett Road Patterson, NY 12563 T:(845)278-2220 F:(845)278-3440 sales@werlatone.com www.werlatone.com

QH11643 Rev.-



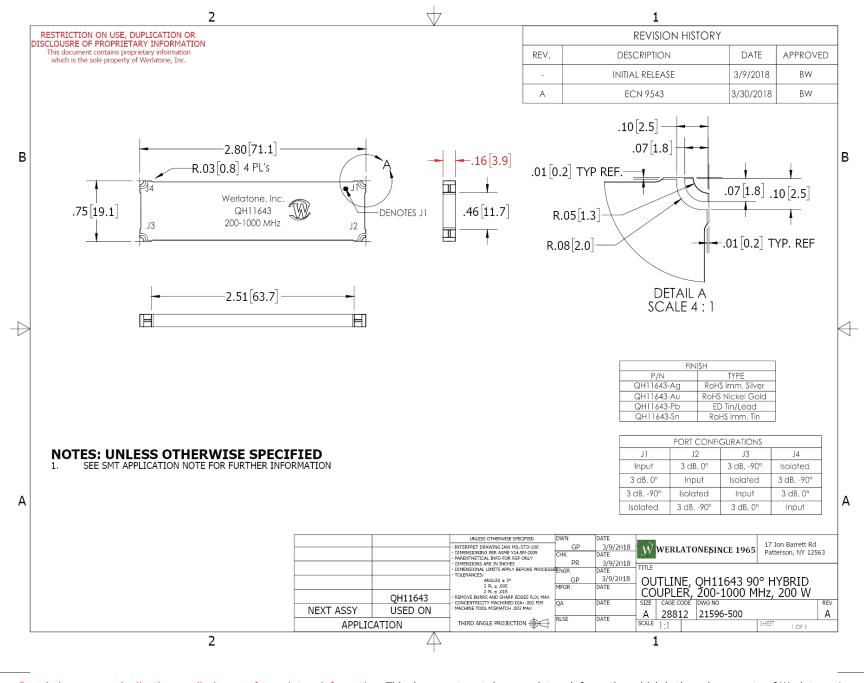
PRODUCT DATA SHEET



Restriction on use, duplication, or disclosure of proprietary information. This document contains proprietary information which is the sole property of Werlatone, Inc.

Werlatone, Inc. 17 Jon Barrett Road Patterson, NY 12563 T:(845)278-2220 F:(845)278-3440 sales@werlatone.com www.werlatone.com

QH11643 Rev.-



Restriction on use, duplication, or disclosure of proprietary information. This document contains proprietary information which is the sole property of Werlatone, Inc. Werlatone, Inc. 17 Jon Barrett Road Patterson, NY 12563 T:(845)278-2220 F:(845)278-3440 sales@werlatone.com www.werlatone.com

QH11643 Rev.-