



ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

- D.C. RESISTANCE (@20°C): 4.0 ohms max.
- INSERTION LOSS:  
 -0.8dB max., 1 - 40kHz, 135 ohm load.  
 -2.0dB max., 40 - 80kHz, 135 ohm load.  
 -1.2dB max., 1 - 60kHz, 150 ohm load.  
 -2.0dB max., 60 - 80kHz, 150 ohm load.
- RETURN LOSS:  
 -16dB min., 1 - 40kHz.  
 -14dB min., 40 - 80kHz.
- LOOP CURRENT: 80mADC.
- STOP BAND ATTENUATION: -55dB min., 138k - 12MHz, 135 ohm, 150 ohm.
- LINE IMPEDANCE: 2B1Q(135), 4B3T(150).
- OPERATING TEMPERATURE RANGE: 0°C to +70°C.

**Midcom, Inc.**

Watertown, SD USA  
 Toll Free: 800-643-2661  
 Fax: 605-886-4486

This drawing is dual dimensioned.  
 Dimensions in brackets are in millimeters.

Unless otherwise specified:  
 Tolerances: Fractions:  $\pm 1/64$   
 Angles:  $\pm 1^\circ$  Decimals:  $\pm .005$  [.13]

DRAWING TITLE

**VDSL**

REVISIONS: SEE SHEET 1

**Midcom**

DRAWING NO.

**681-2027**

REV.

6A  
 1/06

SCALE ---

SHEET 2 OF 12

DWG.# 681-2027