Diagram for UIS-1 Interstage Transformer

Triode Electronics, Chicago,IL USA www.triodeelectronics.com
UIS-1 Interstage Transformer Connections:

Primary:

Push-pull:
Power: RED
Plate #1: BROWN
Plate #2: BLUE

Single Ended with DC:
Power: BLUE
Plate: BROWN

Single Ended Without DC:
Signal (capacitor coupled from plate of previous stage): BROWN
Ground: BLUE
OR:
Plate of driving tube: BROWN
Capacitor to ground: BLUE

Secondary Connections:
1:2 Stepup
Connect YELLOW to GREEN and VIOLET/WHITE to GRAY
Grid of tube #1: ORANGE
Grid of tube #2: WHITE
Bias supply or ground #1: GREEN/WHITE
Bias supply or ground #2: VIOLET

1:1 no stepup:
Connect ORANGE to GREEN, YELLOW to GREEN/WHITE,
VIOLET to GRAY, VIOLET/WHITE to WHITE
Grid of tube #1: ORANGE
Grid of tube #2: WHITE
Bias supply or ground #1: GREEN/WHITE
Bias supply or ground #2: VIOLET

Maximum recommended primary DC unbalanced current is 10 ma, however, note that as with other transformers of this type, best performance will be had by having no DC unbalance (operating either parallel fed or push-pull) and with as little driving power required by the tubes being driven as possible (if the driven/output tubes are being run Class A1 or AB1, there will be no driving power required except when the tubes are driven into clipping).