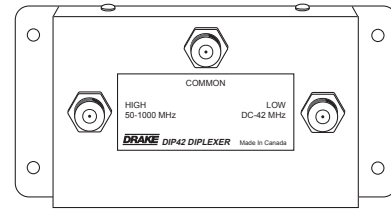
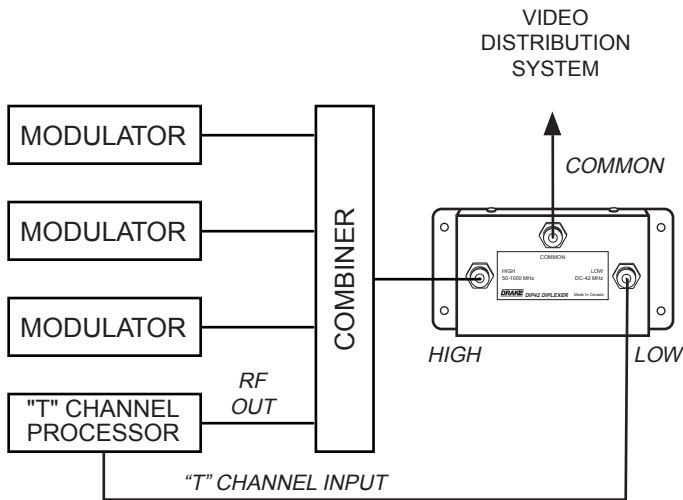


DRAKE® DIP42 Diplexer

The DIP42 is a high performance duplex filter that splits or combines "T" channel (DC to 42 MHz) and TV and Cable TV channels (50 MHz to 1000 MHz).

The diagram below illustrates a typical installation for use with Return Path Systems ("T" Channel).



ELECTRICAL SPECIFICATIONS

- Impedance: 75 Ohm, type F connector.
- Return Loss:
 - Return Path: ≥ 18 dB.
 - Forward Path: ≥ 16 dB.
- Frequency Response:
 - Low Port: DC to 42 MHz.
 - High Port: 50 to 1000 MHz.
- Insertion Loss In Passbands:
 - Low Port: Less than .75 dB, (DC-40 MHz).
 - High Port: Less than 1 dB (54-1000 MHz).
- Attenuation In Stopbands:
 - Either Port: 50 dB minimum, 60 dB typical.
- Passband Ripple: ± 0.25 dB.

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Order From:  800-423-2594
www.multicominc.com
multicom@multicominc.com