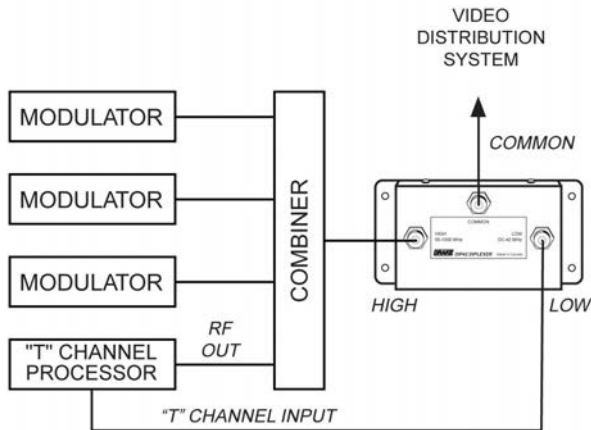




DIP42 Diplexer



This passive diplexer separates the "T" channel return path from SMATV and CATV systems. It is DC passive on the low frequency port. Type "F" connectors are utilized.

- "Low" port passes DC to 42 MHz with less than 1 dB loss.
- "High" port passes 50-1000 MHz with a 1 dB typical loss.
- Unwanted band is rejected by 50 dB or more.

DIP42 Diplexer Specifications:

Impedance:	75 Ohm, type "F" connector
Return Loss - Return Path:	=> 18 dB
Return Loss - Forward Path:	=> 16 dB
Frequency Response - Low Port:	DC to 42 MHz
Frequency Response - High Port:	50 to 1000 MHz
Insertion Loss in Passband - Low Port:	< 0.75 dB, (DC-40 MHz)
Insertion Loss in Passband - High Port:	< 1 dB, (54-1000 MHz)
Attenuation in Stopband -Either Port:	50 dB minimum, 60 dB typical
Passband Ripple:	± 0.25 dB

Specifications, price, and availability are subject to change without notice or obligation



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