

Ka-Band Wideband Diplexer



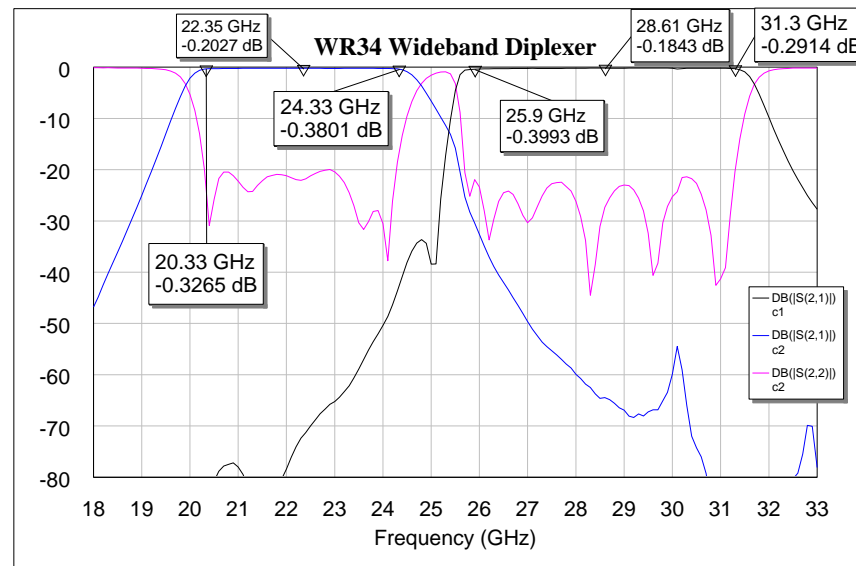
DPX-WC-22-28-34 is a WR34 diplexer with very wide bandwidth for both channels. Both channels provide 20% bandwidth with low insertion loss and low VSWR. Together, both channels cover nearly the entire WR34 waveguide band. It is very compact, nearly half the size of typical waveguide diplexers. Input and output are WR34 UG1530.

Key Features

- Very wide pass-band bandwidth
- Low Pass-band Insertion loss
- 20dB return loss across both channels
- Very compact size

Parameters	
Pass-Band Frequency	20.33-24.33 GHz & 25.9-31.3 GHz
Insertion Loss	<0.4dB
Return Loss	>20dB
CH1 Rejection @ 18 & 26 GHz	>40dB
CH2 Rejection @ 25 & 33 GHz	>25dB
Operating Temperature	-50°C to +85°C
Material	Silver Plated Aluminum
Weight	40 grams

Typical Measured Data



DPX-WC-22-28-34

