

DIPLEXER – WIDEBAND [CDMA/GSM-DCS/UMTS]

[Model No: VRDP-0822-05]

This Diplexer is high performance equipment used to enable sharing of feeder from CDMA / GSM 900 and GSM 1800 / UMTS signal from the same / different operator(s). These diplexers are characterized by:

- Engineered for Low Insertion Loss and High Cross-band Rejection
- HE30 quality Aluminium with 10 Micron finishes machining
- Thick Silver Plating for lowest RF insertion Loss
- Tri-metal plated DIN Connectors for Low Inter-modulation product

With proper choice of connectors and metal joints handling, they display excellent third order inter-mod performance. Even outside the specified band they perform well.

Specifications:

Frequency range	
Pass Band I	806 – 960 MHz
Pass Band II	1710 – 2170 MHz
Insertion Loss	
Pass Band I	0.20 dB (Max)
Pass Band II	0.20 dB (Max)
Cross Band Rejection	60 dB
VSWR (all Ports)	< 1.25
Impedance	50 Ω
Input Power	200 W (max)
Inter-modulation Products	< -160 dBc *
Operating Temperature	-10° C – 50° C
Connector Type	DIN (F)
Application	Indoor / Outdoor
Weight	1.8 Kg (Appx.)
Dimensions	160 x 75 x 70 mm

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