

# Synergy Telecom P Ltd.

## Dual Broadwall Directional Coupler

Part No: VT32WDC6050NKPPA

1.0 Mechanical Specifications		
1.1	Waveguide type	WR284
1.2	Flange type	FDP32 (Cover)
1.3	Connector type	N Female
1.4	Material	Aluminum
1.5	Inside finish	Chromate conversion
1.6	Outside finish	Anticorrosion black paint
1.7	Length	L=700 mm
1.8	Pressure	30 PSI
2.0 Electrical Specifications		
2.1	Frequency range	2.6-3.5 GHz
2.2	VSWR (Max)	1.10 (Main line), 1.25 (Secondary line)
2.3	Insertion loss	0.2 dB
2.4	Coupling	60 ± 0.5 dB (Fwd), 50 ± 0.5 dB (Rev)
2.5	Directivity (Min)	20 dB
2.6	Power handling	4 kW (CW), 1.5 MW (Peak)

### 3.0 Outline Drawings

