

## Combiner 8:2 (POI)

### Product Description

8 input and 2 output combiner (Point of Interconnect -POI) is a microwave passive unit which is used in In-building Solutions to combine the various service providers signals (at different frequencies) received from micro BTS. This unit helps in reducing the number of cable lines, components and its associated cable losses

### Technical Specifications

<b>Model No</b>	<b>340 063 00</b>
Frequency (MHz)	
CDMA 800 -1	824 - 885
CDMA 800 -2	824 - 885
GSM 900 - 1	890 - 960
GSM 900 - 2	890 - 960
GSM 900 - 3	890 - 960
GSM 1800 - 1	1710 - 1880
GSM 1800 - 2	1710 - 1880
GSM 1800 - 3	1710 - 1880
Same system isolation (dB)	≥ 20
Isolation for systems(dB)	≥ 50
Power handling (W)	100 / Input port
Insertion loss (dB)	≤ 6.8
	≤ 7.8 @ 890MHz
VSWR	≤ 1.3
IM3 @ 40 dBm *2 (channel) (dBc)	≤ - 140 @ 2* 43 dBm
Input / output Impedance (Ohm)	50
No. of input ports	8
No. of output ports	2
No. of monitor ports	2
Connector type – input ports	N(F)
Connector type – output ports	N(F)
Connector type – monitor ports	N(F)

### Mechanical Specifications

Size (L x W x H) mm	482.5 x 400 x 310
Weight (KGs)	25
Mounting facility	19" rack mount
Finish	Powder coated

### SYSTEM BLOCK DIAGRAM

