

## Directional coupler 600-3800 MHz

- Wide frequency range 600 to 3800 MHz for 2G/3G/4G/LTE/5G applications
- Low passive IM
- Low VSWR & insertion loss
- Indoor & outdoor use; IP67

### Specifications

Frequency	600-3800 MHz					
Model Number 4F denotes 4.3-10 Df denotes DIN	MC-735-06-4F-5V1 MC-735-07-4F-5V1 MC-735-06-DF-5V1 MC-735-07-DF-5V1	MC-735-08-4F-5V1 MC-735-08-DF-5V1	MC-735-10-4F-5V1 MC-735-10-DF-5V1	MC-735-13-4F-5V1 MC-735-15-4F-5V1 MC-735-13-DF-5V1 MC-735-15-DF-5V1	MC-735-20-4F-5V1 MC-735-20-DF-5V1	MC-735-30-4F-5V1 MC-735-40-4F-5V1 MC-735-30-DF-5V1 MC-735-40-DF-5V1
Coupling (dB)	6/7	8	10	13/15	20	30/40
Insertion loss (dB)	≤1.8	≤1.1	≤0.9	≤0.6	≤0.5	≤0.4
Accuracy 600-2700MHz(dB) 2700-3800MHz(dB)	+/-1 +/-1.8	+/-1 +/-1.8	+/-1 +/-2	+/-1.2 +/-2	+/-1.5 +/-2	+/-1.5 +/-2
Isolation (dB)	≥24	≥26	≥28	≥30	≥38	≥48
VSWR	≤1.30					
PIM (dBc)*	≤-160Bc					
Power	300W (avg)					
Impedance	50Ω nominal					
Connectors	4.3-10/DIN female					
Colour	Black					
Temp	-25°C to +75°C					
Application	IP67					
Humidity	5% - 95%					
Net weight	0.70kg					

\*3rd order with 2x20W (Tested at 900, 1800 & 2600 MHz)

### Outline

