

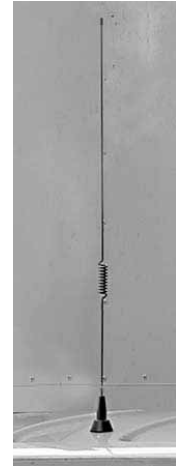
# UHF Phasemaster™ Roof Mount

## 400-520 MHz

### CSW10, CSW20 Series



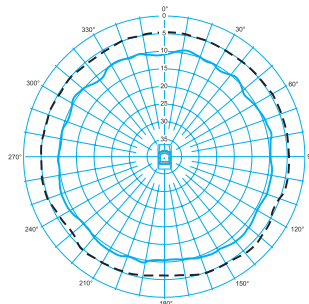
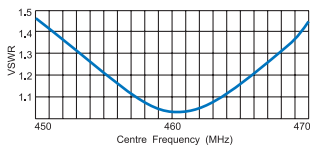
The CSW10 and CSW20, the original Phasemaster™ antennas, are our most popular roof mounts due to their unmatched performance and superior strength. The highly flexible stainless steel whip and consistent 4.5dB gain has made them a favourite in virtually all roof mount applications.



#### Features:

- Outstanding performance - precisely matched phasing coil separating e wave over 1/2 wave electrical elements
- Available in classic s/s finish or black high gloss finish
- Supplied in colour coded bands then fine tuned in field with chart
- Flexible 17-7PH Stainless steel whip will always bounce back after knocks and bumps

Typical VSWR response (CSW14)



This pattern shows that the Phasemaster™ antenna is meeting the gain and omnidirectional performance we have stated in our specifications. The antenna is producing a "textbook" pattern and is delivering 4.5dB gain. This antenna is an excellent performer and is highly recommended for any roof mount application.

TEST FREQUENCY: 460 MHz
REFERENCE ANTENNA MODEL: SW7
MOUNT: MB9 Roof Centre
TEST ANTENNA MODEL: CSW24
MOUNT: MB10 Centre Roof

#### Electrical

Model Number	CSW13/ CSW23	CSW13-66/ CSW23-66	CSW14/ CSW24	CSW15/ CSW25	CSW16/ CSW26
Gain	4.5dB over a 1/4 wave				
Frequency MHz	400 - 420	420 - 440	450 - 470	470 - 490	490 - 520
Power W	100				
Tuned Bandwidth	20 MHz @ <1.5:1 VSWR (<1.2:1 VSWR @ resonant frequency)				
Tuning	Trim to frequency using supplied tuning chart				

#### Mechanical

Model Number	CSW13	CSW13-66	CSW14	CSW15	CSW16	CSW23	CSW23-66	CSW24	CSW25	CSW26
Colour Code	Black	Black	Red	Blue	Yellow	Black	Black	Red	Blue	Yellow
Whip Material	17-7 PH Stainless steel					17-7 PH Stainless steel with black high gloss plating				
Whip Length mm	720	687	608	590	560	720	687	608	590	560
Mounting	MB10 or MB12 bases									
Cable and Connector	Not included, order separately									