

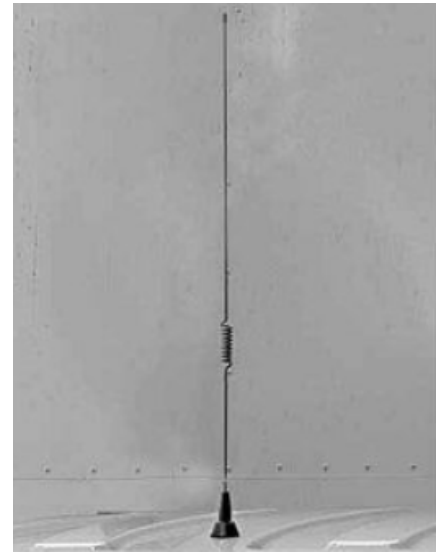
# UHF Phasemaster™ Roof Mount

400-520MHz  
CSW20 Series

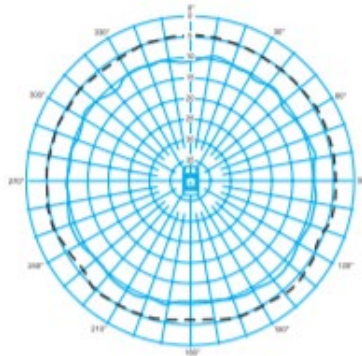
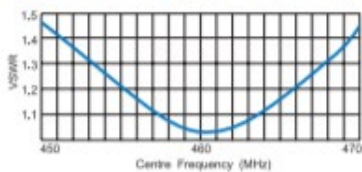
The CSW20 Series, the original Phasemaster™ antennas are our most popular roof mounts due to their unmatched performance and superior strength. The highly flexible 17-7 PH stainless steel whip and consistent 4.5dB gain has made them a favorite in virtually all roof mount applications.

## Features:

- Outstanding performance – precisely matched phasing coil separate a 5/8 wave over a ¼ wave electrical elements
- Supplied in colour coded bands which can be fine tuned in the field with cutting chart
- Flexible black 17-7 PH stainless steel whip will always bounce back after knock 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 Specifications

Model Number	CSW23	CSW23-66	CSW24	CSW25	CSW26
Gain	4.5dB over a ¼ wave.				
Frequency MHz	400-420	420-440	450-470	470-490	490-520
Power W	100				
Tuned Bandwidth	20MHz @ <1.5:1 (<1.2:1 @ resonant frequency)				
Tuning	Trim to frequency using supplied cutting chart				

## Mechanical Specifications

Model Number	CSW23	CSW23-66	CSW24	CSW25	CSW26
Colour Code	Black	Black	Red	Blue	Yellow
Whip Material	Black 17-7PH stainless steel				
Whip Length mm	720	687	608	590	560
Mounting	MB10 or MB12 bases				
Cable & Connector	Not included, order separately				