

# SA15-90-104H-D1/1133



Sector Antenna

## Key Features

Designed for Broadcast Applications

High Gain

High Frequency

Horizontal Polarisation

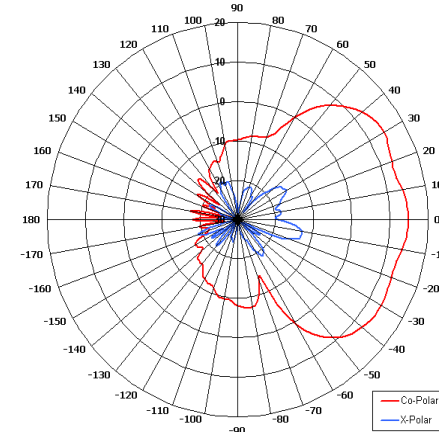
Low Profile

Lightweight

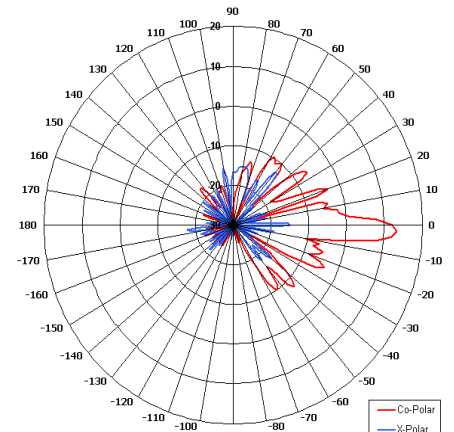
Conforms to ETSI EN 302 095

V1.1.2 Class CS 2 Asymmetrical Elevation

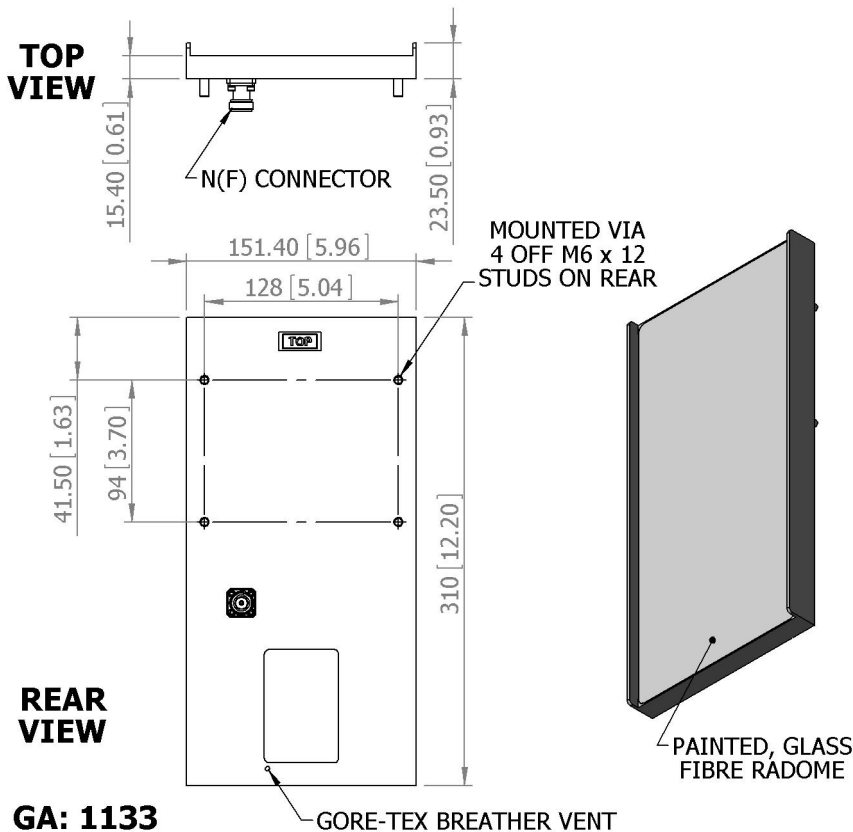
Pattern



Azimuth Pattern



Elevation Pattern



## ELECTRICAL

|                     |                              |
|---------------------|------------------------------|
| Frequency           | 10.10 - 10.65 GHz            |
| Gain                | 15.0 dBi Nom                 |
| Polarisation        | Linear (Horizontal)          |
| Beamwidth           | 87-95° (Az) x 6° (El) Approx |
| Cross Polar         | ETSI CS2 Compliant           |
| Electrical Downtilt | 1.5° Nom                     |
| VSWR                | 1.5:1                        |
| Power Rating        | 10W                          |
| Front to Back       | 35 dB Typ                    |

## MECHANICAL

|                                   |                              |
|-----------------------------------|------------------------------|
| Standard Finish                   | RAL 9002, Semi Spatter       |
| Mass                              | 0.7 Kg (1.54 lbs)            |
| Temperature                       | -45° to +65°C                |
| Wind Loading                      | 7.67 Kg (16.88 lbs) @ 100mph |
| Index of Environmental Protection | IP67                         |

## MOUNTING OPTIONS

|                          |        |
|--------------------------|--------|
| Kits Available           | MK156A |
| See separate data sheets |        |

## ADDITIONAL NOTES

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