

# SFG22-14-3-96



G22 High Capacity Sector Frame, 14.5 ft face, includes three 96 in pipes;  
For patents, see [www.cs-pat.com](http://www.cs-pat.com).

## OBSOLETE

This product was discontinued on: **March 22, 2023**

### Replaced By:

SFG22HDX-14-4-96      G22HDX High Capacity Sector Frame with 2 7/8in OD x 14.5ft face. Includes four 2 7/8in OD x 96in antenna pipes.

## Product Classification

**Product Type**      High capacity Tower sector frame

## General Specifications

**Application**      4G LTE antenna/radio mount

**Mounting**      Angle 60°, 203.2 mm (8 in) | Straight or tapered legs up to 203.2 mm (8 in) OD

**Patent Number**      Patent pending

**Pipe, quantity**      3

**Tower Taper**      Non-tapered | Tapered

## Dimensions

**Height**      2,438.4 mm | 96 in

**Face Width**      4.42 m | 14.5 ft

**Width**      4,419.6 mm | 174 in

**Pipe Length**      2,438.4 mm | 96 in

**Face Support Pipe Diameter**      60.325 mm | 2.375 in

**Mounting Diameter, maximum**      218.44 mm | 8.6 in

**Mounting Diameter, minimum**      38.1 mm | 1.5 in

**Pipe Outer Diameter**      60.325 mm | 2.375 in

**Stand-off Distance**      1,193.8 mm | 47 in

## Material Specifications

**Material Type**      Hot dip galvanized steel

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## Mechanical Specifications

<b>Load Capacity</b>	With additional stiff arm at 300 ft AGL: 600 lb per pipe w/out ice / 1275 lb per pipe including ice
<b>Wind Rating</b>	For Specifications, please contact <a href="mailto:steelproducts@commscope.com">steelproducts@commscope.com</a> or call 800-255-1479
<b>Wind Rating Test Method</b>	TIA/EIA-222-G
<b>Wind Rating with Additional Stiff Arm</b>	300 ft AGL: 120 mph (BWS) without ice /60 mph with ice

## Environmental Specifications

<b>EPA with 1/2 in (12 mm) radial ice</b>	1.449 m <sup>2</sup>   15.6 ft <sup>2</sup>
<b>EPA without ice</b>	1.059 m <sup>2</sup>   11.4 ft <sup>2</sup>

## Packaging and Weights

<b>Included</b>	Frame   Pipe mounts   Plain end pipes (3)   Stiff arm   Tower attachment
<b>Packaging quantity</b>	1
<b>Weight, net</b>	225.98 kg   498.2 lb

## Regulatory Compliance/Certifications

<b>Agency</b>	<b>Classification</b>
CHINA-ROHS	Above maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
ROHS	Compliant/Exempted
UK-ROHS	Compliant



## \* Footnotes

<b>Wind Rating</b>	BWS—Base Wind Speed; FBC—Florida Building Code
<b>Wind Rating with Additional Stiff Arm</b>	BWS—Base Wind Speed; FBC—Florida Building Code
<b>EPA with 1/2 in (12 mm) radial ice</b>	EPA—Effective Projected Area
<b>EPA without ice</b>	EPA—Effective Projected Area