

# SFG22-12-3-96



G22 High Capacity Sector Frame, 12.5 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:

SFG22HD-12-4-96

G22HD High Capacity Sector Frame with 2 7/8in OD x 12.5ft face. Includes four 2 3/8in 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** 3.81 m | 12.5 ft  
**Width** 3,810 mm | 150 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

# SFG22-12-3-96

---

## Mechanical Specifications

<b>Load Capacity</b>	With additional stiff arm at 300 ft AGL: 600 lb per pipe w/out ice / 1775 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>	1.329 m <sup>2</sup>   14.3 ft <sup>2</sup>
<b>EPA without ice</b>	0.975 m <sup>2</sup>   10.5 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>	219.357 kg   483.6 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/Exempted



## \* 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