

# 31766A-11

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## Butterfly Hanger for 3 in coaxial cable and elliptical waveguide 28

### Product Classification

<b>Product Type</b>	Hanger kit
<b>Ordering Note</b>	CommScope® non-standard product

### General Specifications

<b>Cable Type</b>	Corrugated   Elliptical waveguide
<b>Cables per Hanger</b>	1
<b>Color</b>	Silver
<b>Hanger Type</b>	Standard butterfly hanger
<b>Mounting</b>	3/8 in (M10) drilled cable ladder

### Dimensions

<b>Height</b>	1.65 in   41.91 mm
<b>Width</b>	1.5 in   38.1 mm
<b>Length</b>	2.5 in   63.5 mm
<b>Compatible Diameter, maximum</b>	3.2 in   81.28 mm
<b>Compatible Diameter, minimum</b>	3 in   76.2 mm
<b>Nominal Size</b>	3 in
<b>Waveguide Size</b>	WR284   WG10   R32

### Electrical Specifications

<b>Return Loss Effect</b>	0.1 dB
<b>DTF Effect</b>	0.1 dB

### Material Specifications

<b>Material Type</b>	Stainless steel
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## Mechanical Specifications

**Vibration Survival** ≥4 hours at resonant frequency

## Environmental Specifications

**Operating Temperature** -40 °C to +85 °C (-40 °F to +185 °F)

**Corrosion Resistance, minimum with no degradation** ≥500 hours in salt spray chamber

**Environmental Strength Capability** Double cable weight

## Packaging and Weights

**Height, packed** 26 cm | 10.236 in

**Width, packed** 9 cm | 3.543 in

**Length, packed** 9 cm | 3.543 in

**Packaging quantity** 10

**Weight, gross** 1.67 kg | 3.682 lb

## Regulatory Compliance/Certifications

### Agency

CHINA-ROHS

ISO 9001:2015

REACH-SVHC

ROHS

### Classification

Below maximum concentration value

Designed, manufactured and/or distributed under this quality management system

Compliant as per SVHC revision on [www.commscope.com/ProductCompliance](http://www.commscope.com/ProductCompliance)

Compliant

