204989-10

Standard Grounding Kit for elliptical waveguide 43

Product Classification

Product Type	Grounding kit
Product Brand	HELIAX®
Ordering Note	ANDREW® non-standard product

General Specifications

Bonding Conductor Jacketing Material	PVC
Bonding Conductor Material	Copper
Cable Type	Elliptical waveguide
Color	Black
Grounding Kit Type	Standard Grounding Kits
Grounding Strap Material	Copper
Lug Attachment	Factory attached
Lug Type	One-hole lug, screw on
Thread Size	3/8 in

Dimensions

Bonding Conductor Length	609.6 mm | 24 in
Cable Jacketing Removal Length, maximum	58.42 mm | 2.3 in
Cable Jacketing Removal Length, minimum	55.88 mm | 2.2 in
Compatible Diameter, maximum	50.8 mm | 2 in
Compatible Diameter, minimum	49.022 mm | 1.93 in
Waveguide Size	WR187 | WG12 | R48

Electrical Specifications

ANDREW®
an Amphenol company

204989-10

Current Handling	Tested to withstand 130,000 amps peak current surge
Current Handling Test Method	MIL-STD-1757
Grounding, Bonding and Shielding Test Method	MIL-STD-188-124A
Lightning Protection Test Method	IEC 1024-1

Material Specifications

Rivet Material	Copper

Environmental Specifications

Operating Temperature	-40 °C to +85 °C (-40 °F to +185 °F)
Storage Temperature	-40 °C to +80 °C (-40 °F to +176 °F)
Blowing Rain Test Method	MIL-STD-810, Method 506
Corrosion Test Method	MIL-STD-1344, Method 1001
Freezing Rain/Icing Test Method	MIL-STD-810, Method 521
Humidity Test Method	MIL-STD-1344, Method 1002
Immersion Test Method	IEC 60529:2001, IP68
UV Resistance Test Method	MIL-STD-810, Method 505
Vibration Test Method	MIL-STD-202, Method 214
Weatherproofing Method	Butyl and electric tape

Packaging and Weights

Height, packed	266.7 mm	10.5 in
Width, packed	266.7 mm	10.5 in
Length, packed	58.42 mm	2.3 in
Included	Grounding kit	Hardware	Lug	One roll of 2 in PVC tape	One roll of 24 in butyl rubber tape
Packaging quantity	1
Weight, gross	0.64 kg	1.411 lb

Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
REACH-SVHC	Compliant as per SVHC revision on www.andrew.com/ProductCompliance

ANDREW
an Amphenol company

204989-10

ROHS   Compliant
UK-ROHS   Compliant

Included Products

9905-71   –   Black 2 in PVC Tape, 20 ft

* Footnotes

Grounding, Bonding and Shielding Test Method	Military Standard for Grounding, Bonding, and Shielding: Bond Resistance Requirement of a Maximum dc resistance of 0.001 ohm
Lightning Protection Test Method	Protection Against Lightning Electromagnetic Impulse, Table 1—Protection Level III–IV, 1995-02

9905-71

Black 2 in PVC Tape, 20 ft

Product Classification

Product Type	Weatherproofing tape
Product Brand	HELIAX®
Ordering Note	ANDREW® non-standard product

General Specifications

Application	Provides additional moisture seal for cable connections
Applications per Kit	Four 1/2 in–1/2 in | Four 1/2 in–7/8 in to device | One 1/2 in–2-1/4 in | Two 1/2 in–7/8 in
Color	Black

Dimensions

Width	50.8 mm | 2 in
Length	6096 mm | 240 in
Nominal Size	1-1/4 in | 1-5/8 in | 1/2 in | 1/4 in | 2-1/4 in | 3/8 in | 5/8 in | 7/8 in

Material Specifications

Material Type	PVC tape

Environmental Specifications

Operating Temperature	-10 °C to +80 °C (+14 °F to +176 °F)
UV Resistance Test Method	PVC tape test method UL 510, ASTM D1000
Weather Resistance Test Method	04AS00-03.6.0 | MIL-STD-1344A, Method 1002

Packaging and Weights

Height, packed	63.5 mm | 2.5 in
Width, packed	63.5 mm | 2.5 in
Length, packed	50.8 mm | 2 in

ANDREW®
an Amphenol company

9905-71

Packaging quantity	1
Weight, gross	0.08 kg	0.176 lb

Regulatory Compliance/Certifications

Agency	Classification
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system

ANDREW®
an Amphenol company