

Standard Aluminum Grounding Kit for FXL-540 cable



Product Classification

Brand	HELIAX®
Product Type	Grounding kit

Dimensions

Nominal Size	1/2 in
Bonding Conductor Length	1524.0 mm 60 in
Cable Jacketing Removal Length, maximum	57.2 mm 2 1/4 in
Cable Jacketing Removal Length, minimum	57.2 mm 2 1/4 in
Compatible Diameter, maximum	16.510 mm 0.650 in
Compatible Diameter, minimum	15.494 mm 0.610 in

Electrical Specifications

Current Handling	Tested to withstand 100,000 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

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)
Weatherproofing Method	Butyl and electric tape

General Specifications

Grounding Kit Type	Standard Grounding Kits
Cable Type	Smoothwall
Accessories	Grounding Kits
Ordering Note	CommScope® non-standard product
Color	Black
Bonding Conductor Material	Copper

A540-SEK

Bonding Conductor Wire Size	6 gauge
Bonding Conductor Jacketing Material	PE
Grounding Strap Material	Tin-coated bronze
Includes	3/8 in hardware 3/8 in lug One roll of 2 in PVC tape One roll of 2-1/2 in butyl rubber tape
Lug Attachment	Field attached
Lug Type	Two-hole lug
Package Quantity	1
Rivet Material	Aluminum

Mechanical Specifications

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
Thread Size	3/8 in
UV Resistance Test Method	MIL-STD-810, Method 505
Vibration Test Method	MIL-STD-202, Method 214

Packed Dimensions

Height	269.2 mm 10.6 in
Length	266.7 mm 10.5 in
Shipping Weight	0.81 kg 1.79 lb
Width	59.9 mm 2.4 in

* 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