Teletilt®
Cable Installation Accessories
Hanger Kits, Adapters, Ties, Clamps, and Hoisting Grips

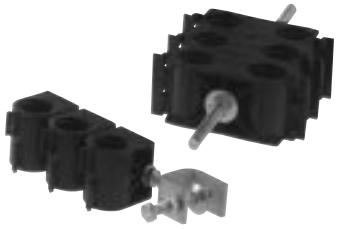
DECIBEL®
Base Station Antennas

Click-On Hangers

Click-On Hangers – Install Cable with One Easy "Click"

Specifically designed to support HELIAX® coaxial cable, stackable Click-On Hangers install in just minutes and provide a perfect fit that gives your PCS/PCN, cellular, microwave, rural telephony, GSM, or other telecommunications system a professional appearance, especially in confined spaces.

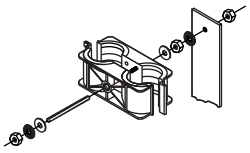
Available in either single or double versions, Click-On Hangers are manufactured of tough UV-resistant material and set the standard for durability, simplicity of installation, and cost effectiveness. Click-On Hangers are sold in kits of 10.



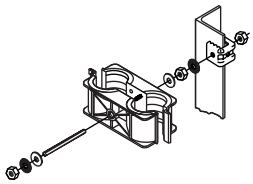
ORDERING INFORMATION

Double	Single*	
Part Number	**Part Number**	**Hanger Description**
L4CLICK	L4SCLICK	1/2" Hanger for LDF4, kit of 10
L45CLICK	NA	5/8" Hanger for LDF4.5, kit of 10
L5CLICKB	L5SCLICKB	7/8" Hanger for LDF5, VXL5, kit of 10
L6CLICK	L6SCLICK	1-1/4" Hanger for LDF6, VXL6, kit of 10
L7CLICK	L7SCLICK	1-5/8" Hanger for LDF7, VXL7, kit of 10

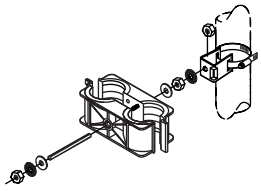
*Contact Andrew for information on hangers complete with angle adapter and hardware.



Flat Member Attachment



Angle Adapter Attachment



Round Member Attachment

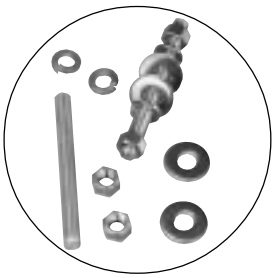
Ceiling Adapter Attachment

SUPPORT HARDWARE ORDERING INFORMATION

Part Number	Hardware Description
243684	Compact Angle Adapter
244350	Ceiling Adapter

Click-On Hanger Hardware Kits

Click-On Hanger attachment hardware is available in 3/8" or M10 sizes. Constructed of stainless steel for durability. Select hardware length according to planned hanger stack height.



ORDERING INFORMATION

Imperial Part Number	Metric Part Number	Stack Height (# of hangers)	Cable Size
243095-9	243095-11	1	1/2" or 7/8"
243095-5	243095-7	2	1/2" or 7/8"
243095-1	243095-3	3	1/2" or 7/8"
243095-12	243095-10	1	1-1/4" or 1-5/8"
243095-8	243095-6	2	1-1/4" or 1-5/8"
243095-4	243095-2	3	1-1/4" or 1-5/8"

Each kit contains 10 threaded rods, 20 nuts, 40 flat washers and 40 lock washers.

ATTACHMENT HARDWARE DIMENSIONS

Part Number	Rod Length (inches)	Rod Length (millimeters)
243095-11	3.97	101
243095-7	5.5	141
243095-3	7.1	181
243095-12	5	126
243095-8	7.3	186
243095-4	9.9	251
243095-9	3.75	95
243095-5	5.4	137
243095-1	7	177
243095-10	4.75	121
243095-6	7.25	184
243095-2	9.75	248

Note: Click-On Hangers accommodate two runs of cable and can be stacked up to three deep to handle up to six runs.

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Miniature Click-On Hangers

Fast, easy installation for small cables

Now installing small cables into hangers is accomplished in one easy click with new Miniature Click-On Hangers.

Each compact, Miniature Click-On Hanger accommodates two runs of cable. Miniature Click-On Hangers are compact and stackable, making it easy to install several runs of cable in confined spaces.

Miniature Click-On Hangers are cost effective and durable. With flexible gripping ribs, the hanger provides secure support on a range of cable sizes, and indexing on the hanger body helps align cables during installation.

Specifically designed to accommodate small corrugated coaxial cables, elliptical waveguide, and braided cable runs, Miniature Click-On Hangers provide a perfect fit for your installation. Hangers are packed in kits of 10. Attachment hardware sold separately in kits of 10.

ORDERING INFORMATION

Hanger Part Number	Description
68MCLICK	Click-On Hangers for 6-8 mm cable; FSJ1A, CNT-240, CNT-300, BR-240, BR-300, kit of 10
912MCLICK	Click-On Hangers for 9-12 mm cable; LDF1, EFX2, FSJ2, LDF2, CNT-400, BR-400, kit of 10
1316MCLICK	Click-On Hangers for 13-16 mm cable; FSJ4, LDF4-50A, CNT-500, CNT-600, BR-600, kit of 10

SUPPORT HARDWARE ORDERING INFORMATION

Select hardware by intended hanger stack height.

Part Number	Hardware Description
252026-10KT	Mini Angle Adapters, kit of 10
252027-10KT	Single Stack Hardware for Mini Click-On Hangers, kit of 10
252028-10KT	Double Stack Hardware for Mini Click-On Hangers, kit of 10
252029-10KT	Triple Stack Hardware for Mini Click-On Hangers, kit of 10

Other Mounting Hardware

Threaded Rod Support Kit for Standard Hangers. Use to mount hangers away from supporting structure, under cable bridge, and inside equipment room. Includes 3/8" diameter threaded rod, galvanized ceiling mounting plate, nuts, and washers. Attach to angle tower members with 31768A angle adapters. Attach to round tower members with 30848 series tower standoffs. All components are stainless steel, except ceiling mounting plate.

ORDERING INFORMATION

Kit of 1 Part Number	Kit of 5 Part Number	Rod Length–in (mm)
31771	31771-4	12 (305)
31771-9	31771-6	24 (610)
–	31771-10	36 (915)

Angle Adapter

Galvanized and Non-marring

For mounting 1/2" to 2-1/4" cable hangers to angle tower members up to 3/4" (19 mm) thick. Hanger attachment hardware sold separately (see above).

Kit of 10.

ORDERING INFORMATION

Part Number	Description
247763-I	Tapped for 3/8" hardware
247763	Tapped for metric hardware

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Compact Stainless Steel

Angle Adapters

These compact, lightweight, high quality stainless steel angle adapters provide a cost saving option to standard adapters for many wireless systems that use HELIAX® coaxial cable. These compact angle adapters are suitable for use with single runs of HELIAX cable up to 2-1/4" in diameter. When used with our stackable Click-On Hangers, they can accommodate up to six runs of HELIAX LDF6 1-1/4" cable or smaller cable and up to four runs of HELIAX LDF7 1-5/8" cable. Includes 3/8" or mid-hanger attachment hardware. Kit of 10.

ORDERING INFORMATION

Part Number	Description
243684	Imperial Angle Adapter, kit of 10
243684-M	Metric Angle Adapter, kit of 10

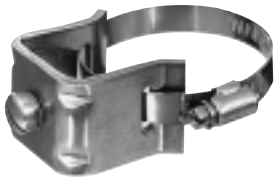
Round Member Adapter

Stainless steel clamps to mount 1/2" to 4" cable hangers to round support members. Two each are needed for 3" and 4" cable hangers. Kit of 10.

ORDERING INFORMATION

Part Number	Member Diameter, in (mm)
31670-1	1–2 (25–50)
31670-2	2–3 (50–75)
31670-3	3–4 (75–100)
31670-4	4–5 (100–125)
31670-5	5–6 (125–150)
31670-6	6–8 (150–200)

Tower Standoff



Adapters with round member clamps and hardware for 1/2" to 4" hangers. All parts are stainless steel or galvanized. Kit of 10.

ORDERING INFORMATION

1 in (25 mm) Standoff	2.5 in (60 mm) Standoff	Member Diameter in (mm)
30848-5	–	0.75–1.5 (20–40)
30848-4	–	1.5–3.0 (40–75)
30848-1	41108A-1	3–4 (75–100)
30848-2	41108A-2	4–5 (100–125)
30848-3	41108A-3	5–6 (125–150)

Clamp Head

ORDERING INFORMATION

Part Number	Description
MF39901-10	Clamp Head, kit of 10

45° Adapter

Use with angle adapter and threaded rod support kit to place a hanger at a waveguide bend. Galvanized steel. Kit of 10.

ORDERING INFORMATION

Part Number	Description
42334	45º Adapter, kit of 10

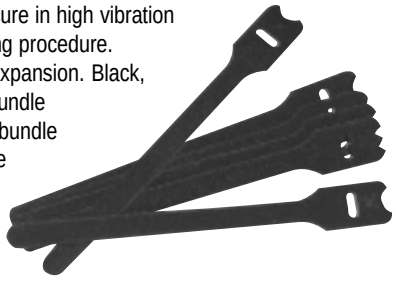
Nylon Cable Ties For Jumper Cable Attachment

Cable ties secure cable bundles where space is limited. They are an excellent choice for organizing jumper cables within and between radio cabinets and for bundling jumper cables. Nylon cable ties provide support for small diameter cable 1/4" to 1/2". Typical applications include securing jumper cables in buildings and along horizontal antenna mounting arms.

ORDERING INFORMATION

Part Number	Description
40417	Nylon Cable Ties, 5/16" wide 14.5" long, kit of 50

Velcro® Cable Ties for High Vibration Areas



Our Velcro cable ties are the easiest way to organize your in-rack cabling. They're secure in high vibration areas and require no special tying procedure. Reuse to accommodate future expansion. Black, 8" (203 mm) length. Maximum bundle diameter, 2" (51 mm). Minimum bundle diameter, 0.25" (6.4 mm). Tensile strength, 40 lb (178 N). For indoor use only.

Velcro is a registered trademark of Velcro Industries.

ORDERING INFORMATION

Part Number	Description
VCT8-10	Velcro Cable Ties, kit of 10
VCT8-50	Velcro Cable Ties, kit of 50
VCT8-100	Velcro Cable Ties, kit of 100

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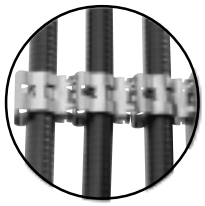
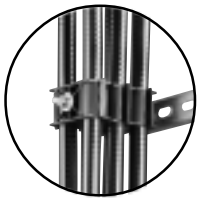
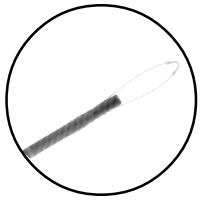
Hanger Selection Guide

Hanger Type	SnapStak™ Hangers	Click-On Single, Double, or Miniature Hangers	Support / Hoisting Grips*	Cable Ties**
Construction	Stainless steel	Engineered plastic single or double	Tin coated bronze	Nylon
Cable runs supported	1 to 3	2 to 6	1	1
Primary applications	Towers with pre-punched cable ladders, snap-in accessories	Rooftops, water towers and towers with limited space	Monopole towers	Jumper cables and inter-rack cabling
Typical installation time (minutes)* **	7	20	2	N/A
Key feature	Attaches cables in compact bundles saving tower space	Stackable up to three high	Calibrated clamp provides permanent cable support	Universal fastening
Benefits	Fastest hanger installation No additional hardware needed	Attaches cables in compact six run bundles	Quick installation	Fits most cable sizes and tower members
	Attaches cables in compact three run bundles	Versatile and adaptable to almost any application	Monopole application	Quick installation
	Impervious to environmental extremes	Easy to install click-on design	Accommodates single run of cable	Inexpensive
	Universal hanger accommodates all corrugated cables	UV stable		Accommodates single run of lightweight cable
Attachment capability (Tower member type)	3/4" drilled cable ladder	3/8" (M10) drilled hardware ladder	All towers and monopoles	Round member Angle member Cable ladders
	Various adapters	Various adapters		
Additional parts needed	None	Threaded rod and hardware	None	None
Tower adapters (allows hanger attachment to various tower types)	Cluster mount Universal tower adapter Anchor rail adapter	Round member adapter Angle adapter	None required	None required

Conditions

* Support Grip or Hoisting/Support Grip required with all cable installations

** Should only be used with 1/2" cable and smaller

*** Installation time based on a 100 ft (30 m) run of 7/8" cable with 3 ft (1 m) hanger spacing. Monopole application applied 200 ft intervals, 2 minutes.

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