

# Mini Coax Support Blocks



Neatly stack coax into space saving bundles. Lower material cost by reducing hardware requirements. Application: Coax Support
Size: 1/2" to 1-1/4" coax
Design: Two-run block hangers
Feature: Compact coax bundles
Mounts to: 3/8" or 10mm threaded rod
Material: Long glass polypropylene

Includes: Blocks only

Order Sep.: 3/8" or 10mm mounting hardware kits

	TMS part no.	Quant/pkg.	Weight lb (kg)
Mini coax support block for LMR-600	CB-600T	10	1.2 (0.5)
Mini coax support block for LMR-900	CB-900T	10	1.2 (0.5)
Mini coax support block for LMR-1200	CB-1200T	10	1.2 (0.5)
Mini coax support block for LMR-1700 coax	CB-1700T	10	1.7 (0.8)

## Mounting Hardware Kits for Coax Support Blocks and Hanger Clamps

Pre-cut galvanized threaded rod hardware kits for stacking and installing mini coax support blocks. Application: Coax Support Size: 3/8"

Design: 1, 2, and 3-stack threaded rod kits

Feature: Stacks coax blocks
Mounts to: –

Material: Galv. (3/8") or stainless steel (10mm) Includes: Threaded rod and hardware

Order Sep.: Additional accessories



	TMS part no.	Quant/pkg.	Weight lb (kg)
Hardware kit for LMR-600, 900, 1200 support blocks	HK-SSCB	10	1.8 (0.8)
Hardware kit for LMR-1700 support blocks	HK-SSCB-158	10	1.9 (0.9)
Hardware kit for mounting (2) mini coax support block for LMR-600, 900, 1200	s HK-DSCB	10	2.3 (1.0)
Hardware kit for mounting (2) mini coax support block for LMR-1700	s HK-DSCB-158	10	2.5 (1.1)
Hardware kit for mounting (3) mini coax support block for LMR-600, 900, 1200	s HK-TSCB	10	2.8 (1.3)
Hardware kit for mounting (3) mini coax support block for LMR-1700	s HK-TSCB-158	10	3.2 (1.5)

#### Adapter Bracket



Support coax blocks in wall mount applications.

Adaptor bracket

Application: Coax Support
Size: 7/16" (11.1mm) holes
Design: Adapts hangers to flat surfaces
Feature: Compact design
Mounts to: —

Material: Stainless steel Includes: Bracket

Order Sep.: Additional accessories

TMS part no. Quant/pkg. Weight lb (kg)
AB-CB 10 4.6 (2.1)

# Stainless Steel Adapter Bracket



Adapt angled members for securing coax cables. Unique design easily converts to accommodate snap-in hangers.

Universal SST angle adapter

Application: Size: Design: Feature: Mounts to: Material: Coax Support 7/16" (11.1mm) holes Adapts hangers to flat surfaces Fits any bolt-on hanger style

Hot dip galv. steel,

Includes: Bracket
Order Sep.: Additional accessories

TMS part no. Quant/pkg. Weight lb (kg)
AB-CBH 1 2.3 (1.0)



### **Butterfly Hangers**



Butterfly hangers for standard non-snap-in installations.

Application: Coax Support Size: see chart

Design: Bolt-on single run hanger Traditional hanger solution Feature: Mounts to: 7/16" (11.1mm) prepunched hole

Stainless steel Material:

Includes: Hangers and set bolts

Hanger hardware kits & additional accessories Order Sep.:

Note: Hanger hardware kit not included; order separately

	TMS part no.	Quant/pkg.	Weight	lb (kg)
Butterfly hanger for LMR-400	BH-S38 NH	10	1.0	(0.5)
Butterfly hanger for LMR-600	BH-12 NH	10	1.0	(0.5)
Butterfly hanger for LMR-900	BH-58 NH	10	1.1	(0.5)
Butterfly hanger for LMR-1200	BH-78 NH	10	1.1	(0.5)
Butterfly hanger for LMR-1700	BH-114 NH	10	1.4	(0.6)

#### Standard Hangers



Standard hanger for reduced installation time

solution

App.: Coax Support Size: See chart

Design: Pre-formed bolt-on single run hanger

Reduced installation time Feature: Mounts to:

7/16" (11.1mm) prepunched hole Stainless steel Material:

Includes: Hangers and set bolts

Order Sep.: Hanger hardware kits & additional accessories

Note: Hanger hardware kit not included; order separately

	I MS part no.	Quant/pkg.	weight ib	(Kg)
Standard hanger for LMR-400	BH-S38 NH	10	0.8	(0.4)
Standard hanger for LMR-600	BH-S12 NH	10	0.8	(0.4)
Standard hanger for LMR-1200	BH-S78 NH	10	1.8	(8.0)
Standard hanger for LMR-1700	BH-S114 NH	10	1.1	(0.5)

# Clip Hangers



Application: Coax Support Size: See chart Easy install

Design: Clip-on single run hanger Easy-to-install solution 7/16" (11.1mm) prepunched hole Stainless steel Feature:

Mounts to:

Material: Includes: Hangers and set bolts

Hanger hardware kits and additional accessories Order Sep.:

Note: Hanger hardware kit not included; order separately

	TMS part no.	Quant/pkg.	Weight Ib	(kg)
Clip hanger kit for LMR-600	CH-12 NH	10	0.8	(0.4)
Clip hanger kit for LMR-1200	CH-78 NH	10	0.8	(0.4)
Clip hanger kit for LMR-1700	CH-114 NH	10	1.1	(0.5)

## Universal Snap-in Hangers



Snap-in hangers simplify coax installation by eliminating the need for mounting hardware and installation tools.

Application: Coax Support Size: See chart

Design: One-piece hanger solution Feature: Simplifies coax installation 3/4" (19.1mm) holes Mounts to:

Material: Stainless steel Includes: Hangers

Order Sep.: Additional mounting accessories

·	TMS part no.	Quant/pkg.	Weight Ib	(kg)
Universal snap-in hanger for LMR-600	SH-U600T	10	0.7	(0.3)
Universal snap-in hanger for LMR-900	SH-U900T	10	1.0	(0.5)
Universal snap-in hanger for LMR-1200	SH-U1200T	10	1.2	(0.5)
Universal snap-in hanger for LMR-1700	SH-U1700T	10	1.3	(0.6)



# Hanger Hardware Kits



Standard, clip and butterfly for flange attachment.

Application: Coax Support
Size: 3/8" or 10mm
Design: Hardware kit for hanger attachment to member

Feature: – Mounts to: –

Material: Stainless steel

Includes: Bolts, nuts, lockwashers

Order Sep.: Hangers

TMS part no. Quant/pkg. Weight lb (kg) Hanger hardware kit, 3/8" x 3/4" slotted hex head bolts, lock washers and hex nuts HK-34-10 10 0.5 (0.2)Hanger hardware kit. 3/8" x 1" slotted head bolts lock washers and hex nuts HK-100-10 10 (0.3)0.6 Hanger hardware kit, 10mm x 20mm slotted head bolts lock washers and hex nuts HK-M1020-10 10 0.5 (0.2)

#### Universal Angle Adapters



Adapt angled Application: Coax Support

Members for Design: Coax Support

3/4" (19.1mm) holes w/ 3/8" tapped insert

Adapts hangers to angle members

securing coax Feature: Accepts snap-ins or 3/8" hardware hangers. Mounts to: Up to 7/8" (22mm) angle members

Material: Stainless steel

Includes: Adapters, set bolt, hanger hardware kit, avail. w/ or wo insert

Order Sep.: Hangers

TMS part no. Quant/pkg. Weight lb (kg)
Universal angle adapter for snap-ins or 3/8" tapped holes AA-U 10 4.9 (2.2)
Angle adapter, large version, with 3/8" threaded hardware AA-US 10 4.7 (2.1)

#### **Angle Adapters**



Adapt angled members for securing coax hangers using 3/8" threaded hardware.

Application: Coax Support Size: 3/8" tapped holes

Design: Adapts hangers to angle members

Feature: High strength solution

Mounts to: Up to 7/8" (22mm) angle members

Material: Stainless steel

Includes: Adapters, set bolt, hanger hardware kit

Order Sep.: Hangers
TMS part no. Quant/pkg. Weight lb (kg)

Angle adapter with 3/8" tapped holes

AA-SL
10
5.4 (2.5)

Angle adapter with 10 mm tapped holes

AA-SL-M10
10
5.4 (2.5)

# Stand-Off Adapters



Adapt and stand coax off 2" from round members. Unique design easily converts to accommodate snap-in hangers. Round member adapters included unless noted.

Application: Coax Support Size: 3/8" or 10mm

Size: 3/8" or 10mm tapped hole
Design: Adapts hangers to round members
Feature: Provides 2" (50.8mm) stand-off

Feature: Provides 2" (50.8mm) stand-off
Mounts to: Versions for 1" to 6" (25.4mm to 152.4mm) OD

Material: Stainless steel

Includes: Stand-offs, avail. w. or w.o. hose clamps

Order Sep.: Hangers



	TMS part no.	Quant/pkg.	Weightlb(kg)
Universal SST stand-off adapter *	SA-38S	10	3.8 (1.7)
Universal SST stand-off adapter for 1"-2" OD members**	SA-38S100	10	3.8 (1.7)
Universal SST stand-off adapter for 2"-3" OD members**	SA-38S200	10	3.8 (1.7)
Universal SST stand-off adapter for 3"-4" OD members**	SA-38S300	10	4.0 (1.8)
Universal SST stand-off adapter for 4"-5" OD members**	SA-38S400	10	4.1 (1.9)
Universal SST stand-off adapter for 5"-6" OD members**	SA-38S500	10	4.4 (2.0)

<sup>\*</sup> Round member adapters not included

<sup>\*\*</sup>Round adapter included



#### Snap-In Stand-Off Adapters



Adapt and stand coax off 2" from round members to avoid obstructions such as tower leg flanges and cross members

Application: Coax Support 3/4" (19.1mm) hole Size: Design:

Adapts hangers to round members Feature: Accepts snap-ins

Mounts to: Versions for 1" to 6" (25.4mm to 152.4mm) OD

Material: Stainless steel

Includes: Stand-offs, avail. with or without hose clamps

Order Sep.: Snap-ins



4 0\
1.3)
1.7)
1.8)
1.8)
1.9)
1.9)
1

<sup>\*</sup> Round member adapters must be purchased separately \*\*Round member adapter included

### Mini Cluster Support Bracket



Mini Cluster bracket provides compact mounting support for a variety of different hanger types

Application: Coax Support

Size: 3/4" (19.1mm) and 7/16" (11.1mm) holes

Design: Three-run cluster bracket Feature: Compact mounting solution

Mounts to:

Material: Hot dip galv. steel

Includes: Bracket

Order Sep.: Hangers, mounting hardware



TMS part no. Weight lb (kg) Quant/pkg. Mini Cluster Support Bracket CS-BS 4.4 (2.0) 10

#### **Round Member Adapters**



Adapt round members when securing most hanger styles.

Application: Coax Support

Size: 3/4" (19.1mm) and 7/16" (11.1mm) holes

Design: Three-run cluster bracket Feature: Compact mounting solution Mounts to:

Material: Hot dip galvanized steel

Includes: Bracket

	Order Sep.:	Hangers, mounting nardware			
		TMS part no.	Quant/pkg.	Weight	lb (kg)
Round member adapter, 1"-2" OD		RMA-100	10	0.8	(0.4)
Round member adapter, 2"-3" OD		RMA-200	10	1.0	(0.5)
Round member adapter, 3"-4" OD		RMA-300	10	1.2	(0.5)
Round member adapter, 4"-5" OD		RMA-400	10	1.3	(0.6)
Round member adapter, 5"-6" OD		RMA-500	10	1.3	(0.6)
Round member adapter, 6"-8" OD		RMA-600	10	1.3	(0.6)



#### Lace-up Hoisting Grips



Hoisting Grips provide an effective method for lifting coax cables to the top of a tower where it is tied off to support the cable weight

\*I MP-400 Grip is non-lace-up

Application: Coax Support

Versions for coax and elliptical waveguide Size: Design: Mesh grip with single eye support Feature: Lace-up installation at any point on coax Mounts to:

Material: Tinned bronze

Includes: Grip Order Sep.:

	LIMN-400 Grip is non-lace-up	TMS part no.	Quant/pkg.	Weight lb	(kg)
١	Hoisting Grip for LMR-400 Coaxial Cable*	HG-400T	1	0.3	(1.0)
	Lace-up Hoisting Grip for LMR-600 Coaxial Cable	HG-600T	1	0.3	(1.0)
I	Lace-up Hoisting Grip for LMR-900 Coaxial Cable	HG-900T	1	0.4	(0.2)
	Lace-up Hoisting Grip for LMR-1200 Coaxial Cable	HG-1200T	1	0.6	(0.3)
١	Lace-up Hoisting Grip for LMR-1700 Coaxial Cable	HG-1700T	1	0.6	(0.3)

# **Universal Weatherproofing Kits**



Mastic and electrical tape kit facilitates easy installation and provides a long-term environmental Mounts to: seal for connections.

Application: **Coax Protection** Size:

Design: Tape kit for multi-layer wrap Feature: Multi-connection protection

Material:

Butyl and vinyl WK-U

Six (6) rolls mastic, 2-1/2" x 24" (64mm x 610mm) Two (2) rolls electrical tape, 3/4" x 66' (19mm x 20m) One (1) roll electrical tape, 2" x 20' (51mm x 6m)

Order Sep.:

Includes:

Weight lb (kg) TMS part no. Quant/pkg. WK-U Universal Kit (does 6 connections) 3.4 (1.5)Vinyl-mastic Kit (does 2 connections) WK-2 0.6 (0.3)

#### 3M<sup>™</sup> Cold Shrink<sup>™</sup> Weatherproofing Kits

Avoid tapes and mastics with Cold Shrink™. This unique weatherproofing solution installs in less than three minutes, and eliminates the taping processes.



	TMS part no.	Quant/pkg	Weight lb	(kg)
LMR-400 & LMR-600 (antenna interface)	CS-4060T	1	0.4	(0.2)
LMR-600 (antenna interface)	CS-A-600T	1	0.8	(0.4)
LMR-900 (antenna interface)	CS-A900T	1	0.8	(0.4)
LMR-1200 to LMR-400	CS-40120T	1	0.8	(0.4)
LMR-1200 to LMR-500	CS-50120T	1	0.8	(0.4)
LMR-1200 to LMR-600	CS-60120T	1	0.8	(0.4)
LMR-1200 to LMR-900	CS-90120T	1	0.8	(0.4)
LMR-1700 to LMR-400	CS-40170T	1	1.0	(0.5)
LMR-1700 to LMR-500	CS-50170T	1	1.0	(0.5)
LMR-1700 to LMR-600	CS-60170T	1	0.9	(0.4)
LMR-1700 to LMR-900	CS-90170T	1	0.9	(0.4)

### Rapid-Tite Self Bonding Silicone Tape



Self-bonding silicone tape is a cost effective, labor saving alternative to traditional vinyl mastic and butyl rubber sealing kits.

TMS part no.	Quant/pkg	No. Connections
WK-S-1	1	6
WK-S-2	2	12
	WK-S-1	WK-S-1 1



### Standard Ground Kits



Pre-formed copper strap facilitates easy installation and protects coax from lightening strikes in excess of 200 kA Application: Grounding

Size: Versions for coax and elliptical waveguide
Design: Bolt-on style with 3' (0.9m) lead / crimp lug

Feature: RoHS compliant
Mounts to: Coax outer conductor
Material: Tin plated copper strap

Includes: Ground kit, lug, weatherproofing kit
Order Sep.:

— Ground kit, lug, weatherproofing kit

Gradi Cop	TMS part no.	Quant/pkg.	Weight Ib	(kg)
Standard Ground Kit for LMR-195 Coaxial Cable	GK-S195TT	1	1.4	(0.6)
Standard Ground Kit for LMR-200 Coaxial Cable	GK-S200TT	1	1.4	(0.6)
Standard Ground Kit for LMR-240 Coaxial Cable	GK-S240TT	1	1.4	(0.6)
Standard Ground Kit for LMR-300 Coaxial Cable	GK-S300TT	1	1.4	(0.6)
Standard Ground Kit for LMR-400 Coaxial Cable	GK-S400TT	1	1.4	(0.6)
Standard Ground Kit for LMR-500 Coaxial Cable	GK-S500TT	1	1.4	(0.6)
Standard Ground Kit for LMR-600 Coaxial Cable	GK-S600TT	1	1.4	(0.6)
Standard Ground Kit for LMR-900 Coaxial Cable	GK-S900TT	1	1.4	(0.6)
Standard Ground Kit for LMR-1200 Coaxial Cable	GK-S1200TT	1	1.4	(0.6)
Standard Ground Kit for LMR-1700 Coaxial Cable	GK-S1700TT	1	1.4	(0.6)

## 4" Feed-thru Entry Panels

Traditional panel for weather-tight building penetration

Application: Entry Port Solutions
Size: 20 configurations

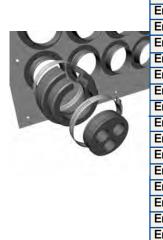
Design: Entry plates with round ports Feature: Easy to install solution

Mounts to: Walls
Material: Aluminum

Includes: Port, caps, mounting hardware Order Sep.: 4" (101.6mm) Boot Assemblies

	TMS part no.	Quant/pkg.	Weight lb (kg)
Entry Panel, 1 port, 1 x 1, standard	EP-220	1	1.0 (0.5)
Entry Panel, 1 port, 1 x 1, compact	EP-574	1	0.6 (0.3)
Entry Panel, 2 port, 1 x 2	EP-1448	1	2.3 (1.0)
Entry Panel, 3 port, 1 x 3	EP-1635	1	2.9 (1.3)
Entry Panel, 4 port, 1 x 4	EP-575	1	3.5 (1.6)
Entry Panel, 4 port, 2 x 2, standard	EP-1199	1	4.2 (1.9)
Entry Panel, 4 port, 2 x 2, compact	EP-1650	1	4.0 (1.8)
Entry Panel, 6 port, 2 x 3	EP-1449	1	6.1 (2.8)
Entry Panel, 6 port, 1 x 6	EP-1477	1	6.0 (2.7)
Entry Panel, 8 port, 2 x 4, standard	EP-576	1	6.1 (2.8)
Entry Panel, 8 port, 2 x 4, large	EP-1338	1	6.0 (2.7)
Entry Panel, 9 port, 3 x 3	EP-1033	1	7.1 (3.2)
Entry Panel, 10 port, 2 x 5	EP-1297	1	7.4 (3.4)
Entry Panel, 12 port, 3 x 4, standard	EP-1118	1	8.5 (3.9)
Entry Panel, 12 port, 3 x 4, large	EP-1334	1	7.0 (3.2)
Entry Panel, 12 port, 2 x 6	EP-1336	1	9.2 (4.2)
Entry Panel, 16 port, 4 x 4	EP-1447	1	9.1 (4.1)
Entry Panel, 18 port, 3 x 6	EP-1333	1	13.0 (5.9)
Entry Panel, 20 port, 4 x 5	EP-1861	1	11.0 (5.0)
Entry Panel, 24 port, 4 x 6	EP-1340	1	15.8 (7.2)
Note: Custom configurations available. Contact	t your sales adminis	trator for details	







### Feed-Thru Boot Assemblies



Innovative one-piece design simplifies installation. For use with EP-series feed-thru entry panels. Order cushion insert separately.

Application: **Entry Port Solutions** 4" (101.6mm) Size:

Compression boot for aluminum entry panels Design: Feature: One-piece design simplifies installation

Entry panels EPDM rubber Mounts to: Material: Includes: Boot, two hose clamps Order Sep.: **Cushion Inserts, Entry Panel** 

Quant/pkg. TMS part no. Weight Ib (kg)

4" Boot assembly, cushion not included

## Cushion Inserts

Standard port cushions are used with BA-400 boot assembly.

Application: **Entry Port Solutions** 

**BA-400** 

Size: Versions for coax and elliptical waveguide Design: Compression fit round cushions

1.3

(0.6)

Feature: Dependable seal

Feed-Thru Boot Assembly Mounts to:

**EPDM** rubber Material: Includes: Cushion

Order Sep.: Boot Assembly, Entry Panel



· ·		-		
	TMS part no.	Quant/pkg.	Weight Ib	(kg)
Standard port cushion, blank (no holes)	SC-B	1	0.4	(0.2)
Standard port cushion with 6 holes for LMR-400 coax	SC-400T-6	1	0.4	(0.2)
Standard port cushion with 1 hole for LMR-600 coax	SC-600T-1	1	0.4	(0.2)
Standard port cushion with 2 holes for LMR-600 coax	SC-600T-2	1	0.4	(0.2)
Standard port cushion with 3 holes for LMR-600 coax	SC-600T-3	1	0.4	(0.2)
Standard port cushion with 4 holes for LMR-600 coax	SC-600T-4	1	0.4	(0.2)
Standard port cushion with 1 hole for LMR-900 coax	SC-900-1	1	0.4	(0.2)
Standard port cushion with 2 holes for LMR-900 coax	SC-900-2	1	0.4	(0.2)
Standard port cushion with 3 holes for LMR-900 coax	SC-900-3	1	0.4	(0.2)
Standard port cushion with 4 holes for LMR-900 coax	SC-900-4	1	0.4	(0.2)
Standard port cushion with 1 hole for LMR-1200 coax	SC-1200T-1	1	0.4	(0.2)
Standard port cushion with 2 holes for LMR-1200 coax	SC-1200T-2	1	0.4	(0.2)
Standard port cushion with 3 holes for LMR-1200 coax	SC-1200T-3	1	0.3	(0.1)
Standard port cushion with 1 hole for LMR-1700 coax	SC-1700T-1	1	0.3	(0.1)

### **Cushion Plugs**



Cushion plugs are used to fill unoccupied holes.

Application: **Entry Port Solutions** Size: 1/2" to 1-5/8" coax

Design: Plugs for unused cushion holes Feature: Allows for future expansion Mounts to: **Cushion Inserts** 

Material: **EPDM** rubber Includes: **Plugs** 

Order Sep.: **Cushion Inserts or Boot Assemblies** 

	TMS part no.	Quant/pkg.	Weight Ib	(kg)
Cushion plug for LMR-400 coax	CP-400T	5	0.2	(0.1)
Cushion plug for LMR-600 coax	CP-600T	5	0.2	(0.1)
Cushion plug for LMR-900 coax	CP-900T	5	0.3	(0.1)
Cushion plug for LMR-1200 coax	CP-1200T	5	0.3	(0.1)
Cushion plug for LMR-1700 coax	CP-1700T	5	0.5	(0.2)