

CORRUGATED & SMOOTHWALL CABLE (cont.)

CORRUGATED

LDF4-50A, HELIAX Low Density Foam Coaxial Cable -CORRUGATED COPPER-



Mfr	Part #	Description	Outer Conductor Material	Flexibility	Inner Conductor Material
Andrew Solutions	LDF4-50A	LDF4-50A, HELIAX Low Density Foam Coaxial Cable, corrugated copper, 1/2", black PE jacket	Corrugated Copper	Standard	Copper-clad Aluminum Wire
Andrew Solutions	LDF4RK-50A	LDF4-50, HELIAX Low Density Foam Coaxial Cable, corrugated copper, 1/2", black non-halogenated, fire retardant polyolefin jacket			

Mfr	Part #	Description
Andrew Solutions	L4DR-PS	7-16 DIN Male Right Angle Positive Stop™ for 1/2" LDF4-50A cable
Andrew Solutions	L4NR-PS	Type N Male Right Angle Positive Stop for 1/2" LDF4-50A cable
Andrew Solutions	L4TDF-PSA	7-16 DIN Female Positive Stop for 1/2" AL4RPV-50, LDF4-50A cable
Andrew Solutions	L4TDM-PSA	7-16 DIN Male Positive Stop for 1/2" AL4RPV-50, LDF4-50A cable
Andrew Solutions	L4TNF-PSA	Type N Female Positive Stop for 1/2" AL4RPV-50, LDF4-50A cable
Andrew Solutions	L4TNM-PSA	Type N Male Positive Stop for 1/2" AL4RPV-50, LDF4-50A cable

SMOOTHWALL

FXL-540, HELIAX Flexible Coaxial Cable -SMOOTHWALL ALUMINUM-



Mfr	Part #	Description	Outer Conductor Material	Flexibility	Inner Conductor Material
Andrew Solutions	FXL-540	FXL-540, HELIAX Flexible Coaxial Cable, smoothwall aluminum, 1/2", black PE jacket	Smoothwall Aluminum	Superflexible	Copper-clad Aluminum Wire
Andrew Solutions	FXL-540-NHR	FXL-540, HELIAX Flexible Coaxial Cable, smoothwall aluminum, 1/2", black non-halogenated, fire retardant, low smoke, riser rated polyolefin jacket			

Mfr	Part #	Description
Andrew Solutions	540EZDFV2	7-16 DIN Female EZFit® for 1/2" FXL-540 cable
Andrew Solutions	no image available 540EZDMRV2	7-16 DIN Male Right Angle EZFit for 1/2" FXL-540 cable
Andrew Solutions	540EZDMV2	7-16 DIN Male EzFit for 1/2" FXL-540 cable
Andrew Solutions	540EZNFBV2	Type N Female EzFit for 1/2" FXL-540 cable
Andrew Solutions	540EZNMV2	Type N Male EzFit for 1/2" FXL-540 cable

CORRUGATED

LDF4.5-50, HELIAX Coaxial Cable -CORRUGATED COPPER-



Mfr	Part #	Description	Outer Conductor Material	Flexibility	Inner Conductor Material
Andrew Solutions	LDF4.5-50	HELIAX Low Density Foam Coaxial Cable, corrugated copper, 5/8", black PE jacket	Corrugated Copper	Standard	Copper-clad Aluminum Wire
Andrew Solutions	LDF4.5RK-50	HELIAX Low Density Foam Coaxial Cable, corrugated copper, 5/8", black non-halogenated, fire retardant polyolefin jacket			

Mfr	Part #	Description
Andrew Solutions	L4.5PDF-RC	7-16 DIN Female RingFlare™ for 5/8" LDF4.5-50 cable
Andrew Solutions	L4.5PDM-RC	7-16 DIN Male RingFlare for 5/8" LDF4.5-50 cable
Andrew Solutions	L4.5PNF-RC	Type N Female RingFlare for 5/8" LDF4.5-50 cable
Andrew Solutions	L4.5PNM-RC	Type N Male RingFlare for 5/8" LDF4.5-50 cable

JUMPERS

STANDARD

LDF4-50A Sureflex® Jumper with interface types 7-16 DIN Male and 7-16 DIN Male Right Angle
PIM Tested

Mfr	Part #	Length
Andrew Solutions	L4A-DMDR-3-P	3'
	L4A-DMDR-6-P	6'
	L4A-DMDR-8-P	8'
	L4A-DMDR-10-P	10'
	L4A-DMDR-15-P	15'
	L4A-DMDR-20-P	20'
	L4A-DMDR-25-P	25'
L4A-DMDR-30-P	30'	

LDF4-50A Sureflex Jumper with interface types 7-16 DIN Male and 7-16 DIN Male
PIM Tested

Mfr	Part #	Length
Andrew Solutions	L4A-DMDM-3-P	3'
	L4A-DMDM-4-P	4'
	L4A-DMDM-6-P	6'
	L4A-DMDM-8-P	8'
	L4A-DMDM-10-P	10'
	L4A-DMDM-12-P	12'
	L4A-DMDM-15-P	15'
L4A-DMDM-20-P	20'	
L4A-DMDM-25-P	25'	
L4A-DMDM-30-P	30'	

SUPERFLEX

FSJ4-50B Sureflex Jumper with interface types 7-16 DIN Male and 7-16 DIN Male
PIM Tested

Mfr	Part #	Length
Andrew Solutions	F4A-DMDM-3-P	3'
	F4A-DMDM-4-P	4'
	F4A-DMDM-6-P	6'
	F4A-DMDM-8-P	8'
	F4A-DMDM-10-P	10'
	F4A-DMDM-12-P	12'
	F4A-DMDM-15-P	15'
F4A-DMDM-20-P	20'	
F4A-DMDM-25-P	25'	
F4A-DMDM-30-P	30'	


FSJ4-50B Sureflex Jumper with interface types 7-16 DIN Male and 7-16 DIN Male Right Angle
PIM Tested

Mfr	Part #	Length
Andrew Solutions	F4A-DMDR-3-P	3'
	F4A-DMDR-6-P	6'
	F4A-DMDR-8-P	8'
	F4A-DMDR-10-P	10'
	F4A-DMDR-15-P	15'







CORRUGATED & SMOOTHWALL CABLE

CORRUGATED

FSJ4-50B, HELIAX Superflexible Foam Coaxial Cable -CORRUGATED COPPER-




Mfr	Part #	Description	Outer Conductor Material	Flexibility	Inner Conductor Material
Andrew Solutions	FSJ4-50B	FSJ4-50B, HELIAX® Superflexible Foam Coaxial Cable, corrugated copper, 1/2", black PE jacket	Corrugated Copper	Superflexible	Copper-clad Aluminum Wire
	FSJ4RK-50B	FSJ4-50B, HELIAX Superflexible Foam Coaxial Cable, corrugated copper, 1/2", black non-halogenated, fire retardant polyolefin jacket			







Mfr	Part #	Description
Andrew Solutions	 F4PDF-C	7-16 DIN Female for 1/2" FSJ4-50B cable
	 F4PDMV2-C	7-16 DIN Male for 1/2" FSJ4-50B cable
	 F4DR-C	7-16 DIN Male Right Angle for 1/2" FSJ4-50B cable
	 F4PNF-C	Type N Female for 1/2" FSJ4-50B cable
	 F4PNMV2-HC	Type N Male for 1/2" FSJ4-50B cable
	 F4PNR-HC	Type N Male Right Angle for 1/2" FSJ4-50B cable

SMOOTHWALL

SFX-500, HELIAX Superflexible Foam Coaxial Cable -SMOOTHWALL ALUMINUM-



Mfr	Part #	Description	Outer Conductor Material	Flexibility	Inner Conductor Material
Andrew Solutions	SFX-500	SFX-500, HELIAX Superflexible Coaxial Cable, smoothwall aluminum, 1/2", black PE jacket	Smoothwall Aluminum	Superflexible	Copper-clad Aluminum Wire
	SFX-500-NHR	SFX-500, HELIAX Superflexible Coaxial Cable, smoothwall aluminum, black non-halogenated, fire retardant, low smoke, riser rated polyolefin jacket			

Mfr	Part #	Description
Andrew Solutions	 SFX-ADF	7-16 DIN Female for 1/2" SFX-500 cable
	 SFX-ADM	7-16 DIN Male for 1/2" SFX-500 cable
	 SFX-ADMR	7-16 DIN Male Right Angle for 1/2" SFX-500 cable
	 SFX-ANF	Type N Female for 1/2" SFX-500 cable
	 SFX-ANM	Type N Male for 1/2" SFX-500 cable
	 SFX-ANMR	Type N Male Right Angle for 1/2" SFX-500 cable





CORRUGATED & SMOOTHWALL CABLE (cont.)

CORRUGATED

AVA5-50, HELIAX Andrew Virtual Air™ Coaxial Cable -CORRUGATED COPPER-



Mfr	Part #	Description	Outer Conductor Material	Flexibility	Inner Conductor Material
Andrew Solutions	AVA5-50	AVA5-50, HELIAX Andrew Virtual Air™ Coaxial Cable, corrugated copper, 7/8", black PE jacket	Corrugated Copper	Standard	Copper Tube
	AVA5RK-50	AVA5-50, HELIAX Andrew Virtual Air Coaxial Cable, corrugated copper, 7/8", black non-halogenated, fire retardant polyolefin jacket			





Mfr	Part #	Description
Andrew Solutions	 AL5DF-PSA	7-16 DIN Female Positive Stop for 7/8" AL5-50 and AVA5-50 cable
	 AL5DM-PSA	7-16 DIN Male Positive Stop for 7/8" AL5-50 and AVA5-50 cable
	 AL5NF-PSA	Type N Female Positive Stop for 7/8" AL5-50 and AVA5-50 cable
	 AL5NM-PSA	Type N Male Positive Stop for 7/8" AL5-50 and AVA5-50 cable

SMOOTHWALL

FXL-780, HELIAX Flexible Coaxial Cable -SMOOTHWALL ALUMINUM-



Mfr	Part #	Description	Outer Conductor Material	Flexibility	Inner Conductor Material
Andrew Solutions	FXL-780	FXL-780, HELIAX Flexible Coaxial Cable, smoothwall aluminum, 7/8", black PE jacket	Smoothwall Aluminum	Flexible	Copper
	FXL-780-NHR	FXL-780, HELIAX Flexible Coaxial Cable, smoothwall aluminum, 7/8", black non-halogenated, fire retardant, low smoke, riser rated polyolefin jacket			





Mfr	Part #	Description
Andrew Solutions	 78EZDF	7-16 DIN Female Ezfit for 7/8" FXL-780 and AVA5-50 cable
	 78EZDM	7-16 DIN Male EzFit for 7/8" FXL-780 and AVA5-50 cable
	 78EZNF	Type N Female EzFit for 7/8" FXL-780 and AVA5-50 cable
	 78EZNM	Type N Male EzFit for 7/8" FXL-780 and AVA5-50 cable

CORRUGATED

AVA6-50, HELIAX Andrew Virtual Air™ Coaxial Cable -CORRUGATED COPPER-







Mfr	Part #	Description	Outer Conductor Material	Flexibility	Inner Conductor Material
Andrew Solutions	AVA6-50	AVA6-50, HELIAX Andrew Virtual Air Coaxial Cable, corrugated copper, 1-1/4", black PE jacket	Corrugated Copper	Standard	Corrugated Copper Tube
	AVA6RK-50	AVA6-50, HELIAX Andrew Virtual Air Coaxial Cable, corrugated copper, 1-1/4", black, fire retardant polyolefin jacket			

Mfr	Part #	Description
Andrew Solutions	 AL6DF-PSA	7-16 DIN Female Positive Stop for 1-1/4" AVA6-50 cable
	 AL6DM-PSA	7-16 DIN Male Positive Stop for 1-1/4" AVA6-50 cable
	 114EZNF	Type N Female EZFit for 1-1/4" FXL1480 and AVA6-50 cable
	 114EZNM	Type N Male EzFit for 1-1/4" FXL1480 and AVA6-50 cable

FXL-1480, HELIAX Flexible Coaxial Cable -SMOOTHWALL ALUMINUM-



Mfr	Part #	Description	Outer Conductor Material	Flexibility	Inner Conductor Material
Andrew Solutions	FXL-1480	FXL-1480, HELIAX Flexible Coaxial Cable, smoothwall aluminum, 1-1/4", black PE jacket	Smoothwall Aluminum	Flexible	Copper
	FXL-1480-NHR	FXL-1480, HELIAX Flexible Coaxial Cable, smoothwall aluminum, 1-1/4", black non-halogenated, fire retardant, low smoke, riser rated polyolefin jacket			

Mfr	Part #	Description
Andrew Solutions	 114EZDF	7-16 DIN Female EzFit for 1-1/4" FXL1480 and AVA6-50 cable
	 114EZDM	7-16 DIN Male EzFit for 1-1/4" FXL1480 and AVA6-50 cable
	 114EZNF	Type N Female EZFit for 1-1/4" FXL1480 and AVA6-50 cable
	 114EZNM	Type N Male EzFit for 1-1/4" FXL1480 and AVA6-50 cable

CORRUGATED & SMOOTHWALL CABLE (cont.)

CORRUGATED

AVA7-50, HELIAX Andrew
Virtual Air Coaxial Cable
-CORRUGATED COPPER-



Mfr	Part #	Description	Outer Conductor Material	Flexibility	Inner Conductor Material
Andrew Solutions	AVA7-50	AVA7-50, HELIAX Andrew Virtual Air Coaxial Cable, corrugated copper, 1-5/8", black PE jacket	Corrugated Copper	Standard	Corrugated Copper Tube
	AVA7RK-50	AVA7-50, HELIAX Andrew Virtual Air Coaxial Cable, corrugated copper, 1-5/8", black non-halogenated, fire retardant polyolefin jacket			

Mfr	Part #	Description
Andrew Solutions	AL7NF-PSA	Type N Female Positive Stop for 1-5/8" AVA7-50 cable
	AL7NM-PSA	Type N Male Positive Stop for 1-5/8" AVA7-50 cable
	AL7DF-PSA	7-16 DIN Female Positive Stop for 1-5/8" cable
	AL7DM-PSA	7-16 DIN Male Positive Stop for 1-5/8" cable

SMOOTHWALL

FXL-1873, HELIAX
Flexible Coaxial Cable
-SMOOTHWALL ALUMINUM-



Mfr	Part #	Description	Outer Conductor Material	Flexibility	Inner Conductor Material
Andrew Solutions	FXL-1873	FXL-1873, HELIAX Flexible Coaxial Cable, smoothwall aluminum, 1-5/8", black PE jacket	Smoothwall Aluminum	Flexible	Copper
	FXL-1873-NHR	FXL-1873, HELIAX Flexible Coaxial Cable, smoothwall aluminum, 1-5/8", black non-halogenated, fire retardant, low smoke, riser rated polyolefin jacket			

Mfr	Part #	Description
Andrew Solutions	158EZDF	7-16 DIN Female EzFit for 1-5/8" FXL-1873 and AVA7-50 cable
	158EZDM	7-16 DIN Male EzFit for 1-5/8" FXL-1873 and AVA7-50 cable
	158EZNF	Type N Female EzFit for 1-5/8" FXL-1873 and AVA7-50 cable
	158EZNM	Type N Male EzFit for 1-5/8" FXL-1873 and AVA7-50 cable

PLENUM AIR CABLE

CORRUGATED

HL4-50A, HELIAX Plenum-Rated Air
Dielectric Coaxial Cable
-CORRUGATED COPPER-

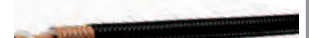


Mfr	Part #	Description
Andrew Solutions	HL4RP-50A	HL4-50A, HELIAX Plenum Rated Air Dielectric Coaxial Cable, corrugated copper, 1/2", blue PVDF jacket

Mfr	Part #	Description
Andrew Solutions	L4DR-PS	7-16 DIN Male Right Angle Positive Stop for 1/2" HL4RP-50A cable
	L4NR-PS	Type N Male Right Angle Positive Stop for 1/2" HL4RP-50A cable
	L4TDF-PSA	7-16 DIN Female Positive Stop for 1/2" HL4RP-50A cable
	L4TDM-PSA	7-16 DIN Male Positive Stop for 1/2" HL4RP-50A cable
	L4TNF-PSA	Type N Female Positive Stop for 1/2" HL4RP-50A cable
	L4TNM-PSA	Type N Male Positive Stop for 1/2" HL4RP-50A cable

SMOOTHWALL

HJ5-50, HELIAX Plenum-Rated Air
Dielectric Coaxial Cable
-CORRUGATED COPPER-



Mfr	Part #	Description
Andrew Solutions	HJ5RP-50	HJ5-50, HELIAX Plenum Rated Air Dielectric Coaxial Cable, corrugated copper, 7/8", blue PVDF jacket

Mfr	Part #	Description
Andrew Solutions	H5PDF	7-16 DIN Female with gas barrier for 7/8" HJ5-50 air dielectric cable
	H5PDM	7-16 DIN Male for with gas barrier 7/8" HJ5-50 air dielectric cable
	H5PNF	Type N Female with gas barrier for 7/8" HJ5-50 air dielectric cable
	H5PNM	Type N Male with gas barrier for 7/8" HJ5-50 air dielectric cable




PLENUM AIR CABLE (cont.)

CORRUGATED

HJ7-50A, HELIAX Plenum-Rated Air Dielectric Coaxial Cable -CORRUGATED COPPER-



Mfr	Part #	Description
Andrew Solutions	HJ7RP-50A	HJ7-50A, HELIAX Plenum Rated Air Dielectric Coaxial Cable, corrugated copper, 1-5/8", blue PVDF jacket






Mfr	Part #	Description
Andrew Solutions	 H7PDF	7-16 DIN Female with gas barrier for 1-5/8" HJ7-50A air dielectric cable
	 H7PDM	7-16 DIN Male with gas barrier for 1-5/8" HJ7-50A air dielectric cable
	 H7PNF	Type N Female with gas barrier for 1-5/8" HJ7-50A air dielectric cable

BRAIDED CABLE

CNT-195, CNT® 50 Ohm Braided Coaxial Cable -BRAIDED-












Mfr	Part #	Description	Braid Material	Shield Tape Material	Inner Conductor Material
Andrew Solutions	CNT-195-1000	CNT-195, CNT 50 Ohm Braided Coaxial Cable, 1000', black PE jacket	Tinned Copper	Aluminum	Copper
	CNT-195-DB	CNT-195-DB, CNT 50 Ohm Braided Coaxial Cable, flooded, black PE jacket			
	CNT-195-FR	CNT-195-FR, CNT 50 Ohm Braided Coaxial Cable, black non-halogenated, fire retardant polyolefin jacket			
	CNT-195-R	CNT-195, CNT 50 Ohm Braided Coaxial Cable, black fire retardant riser-rated PVC jacket			

Mfr	Part #	Description
Andrew Solutions	 195PNF-BH-CR	Type N Female Bulkhead for CNT-195 braided cable
	 195PNF-CR	Type N Female for CNT-195 braided cable
	no image available 195PNFR-BH-CR	Type N Female Right Angle Bulkhead for CNT-195 braided cable
	 195PNM-CR	Type N Male for CNT-195 braided cable
	 195PNR-CR	Type N Male Right Angle for CNT-195 braided cable
	 195PTF-C-CR	TNC Female for CNT-195 braided cable
no image available 195PTM-C-CR	TNC Male for CNT-195 braided cable	

CNT-240, CNT 50 Ohm Braided Coaxial Cable -BRAIDED-

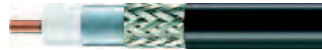


Mfr	Part #	Description	Braid Material	Shield Tape Material	Inner Conductor Material
Andrew Solutions	CNT-240	CNT-240, CNT 50 Ohm Braided Coaxial Cable, black PE jacket	Tinned Copper	Aluminum	Copper
	CNT-240-DB	CNT-240-DB, CNT 50 Ohm Braided Coaxial Cable, flooded, black PE jacket			
	CNT-240-FR	CNT-240-FR, CNT 50 Ohm Braided Coaxial Cable, black non-halogenated, fire retardant polyolefin jacket			
	CNT-240-R	CNT-240, CNT 50 Ohm Braided Coaxial Cable, black fire retardant riser-rated PVC jacket			






Mfr	Part #	Description
Andrew Solutions	 240APNF-BH-CR	Type N Female Bulkhead for CNT-240 braided cable
	 240APNF-CR	Type N Female for CNT-240 braided cable
	 240APNM-C-CR	Type N Male for CNT-240 braided cable
	no image available 240PDF-BH-CR	7-16 DIN Female Bulkhead for CNT-240 braided cable
	 240PDM-C-CR	7-16 DIN Male for CNT-240 braided cable
	 240PDR-CR	7-16 DIN Male Right Angle for CNT-240 braided cable
	 240PNF-CR	Type N Female for CNT-240 braided cable
	 240PNR-CR	Type N Male Right Angle for CNT-240 braided cable
	 240PTF-C	TNC Female for CNT-240 braided cable
	 240PTM-CR	TNC Male for CNT-240 braided cable

BRAIDED CABLE

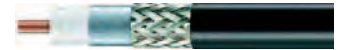
**CNT-400, CNT 50 Ohm
Braided Coaxial Cable
-BRAIDED-**




Mfr	Part #	Description	Braid Material	Shield Tape Material	Inner Conductor Material
Andrew Solutions	CNT-400	CNT-400, CNT 50 Ohm Braided Coaxial Cable, variable, black PE jacket	Tinned Copper	Aluminum	Copper-clad Aluminum Wire
	CNT-400-DB	CNT-400-DB, CNT 50 Ohm Braided Coaxial Cable, flooded, black PE jacket			
	CNT-400-FR	CNT-400-FR, CNT 50 Ohm Braided Coaxial Cable, black non-halogenated, fire retardant polyolefin jacket			
	CNT-400-P	CNT-400, CNT 50 Ohm Plenum Rated Braided Coaxial Cable, white PVC jacket			
	CNT-400-R	CNT-400, CNT 50 Ohm Braided Coaxial Cable, black fire retardant riser-rated PVC jacket			

Mfr	Part #	Description
Andrew Solutions	 400APNF-C-CR	Type N Female for CNT-400 braided cable
	no image available 400APNM-CR	Type N Male for CNT-400 braided cable
	 400PDF-BHC-CR	7-16 DIN Female Bulkhead for CNT-400 braided cable
	 400PDR-CR	7-16 DIN Male Right Angle for CNT-400 braided cable
	no image available 400PTF-C	TNC Female for CNT-400 braided cable
	 400PTM-C	TNC Male for CNT-400 braided cable
	 400PUM	UHF Male for CNT-400 braided cable

**CNT-600, CNT 50 Ohm
Braided Coaxial Cable
-BRAIDED-**



Mfr	Part #	Description	Braid Material	Shield Tape Material	Inner Conductor Material
Andrew Solutions	CNT-600	CNT-600, CNT 50 Ohm Braided Coaxial Cable, black PE jacket	Tinned Copper	Aluminum	Copper-clad Aluminum Wire
	CNT-600-DB	CNT-600-DB, CNT 50 Ohm Braided Coaxial Cable, flooded, black PE jacket			
	CNT-600-FR	CNT-600-FR, CNT 50 Ohm Braided Coaxial Cable, black non-halogenated, fire retardant polyolefin jacket			

Mfr	Part #	Description
Andrew Solutions	 600APNM-C	Type N Male for CNT-600 braided cable
	 600PDF-C	7-16 DIN Female for CNT-600 braided cable
	 600PDM-C	7-16 DIN Male for CNT-600 braided cable
	no image available 600PDR-C	7-16 DIN Male Right Angle for CNT-600 braided cable
	 600PNF-BHC	Type N Female Bulkhead for CNT-600 braided cable
	 600PNR-H	Type N Male Right Angle for CNT-600 braided cable
	 600PTM-C	TNC Male for CNT-600 braided cable

BRAIDED CABLE

LMR-195 3/16"
Flexible Low Loss
Communications Coax



Mfr	Part #	Application	Jacket	Color
Times Microwave	LMR-195	Outdoor	PE	Black
	LMR-195-DB	Outdoor/Watertight	PE	
	LMR-195-FR	Indoor-Riser	CMR FRPE	

Construction Specifications

Mfr	Description	Material	in.
Times Microwave	Inner Conductor	Solid BC	0.037
	Dielectric	Foam PE	0.11
	Outer Conductor	Aluminum Tape	0.116
	Overall Braid	Tinned Copper	0.139
	Jacket	(see table above)	0.195

Connectors

Mfr	Part #	Description	Interface	VSWR** Freq. (GHz)	Coupling Nut	Inner Contact Attach	Outer Contact Attach
Times Microwave	TC-195-NM	Straight Plug	N Male	<1.25:1 (2.5)	Knurl	Solder	Crimp
	TC-195-TM	Straight Plug	TNC Male				

**VSWR spec based on 3' cable with a connector

Install Tools

Mfr	Part #	Description
Times Microwave	CT-240/200/195/100	Crimp tool for LMR-100, 195, 200 and 240 connectors
	CCT-01	Cable end flush cut tool
Times Microwave	DBT-U	Deburr Tool, Removes center conductor rough edges

LMR®-240 1/4"
Flexible Low Loss
Communications Coax



Mfr	Part #	Application	Jacket	Color
Times Microwave	LMR-240	Outdoor	PE	Black
	LMR-240-DB	Outdoor/Watertight	PE	
	LMR-240-FR	Indoor-Riser	CMR FRPE	

Construction Specifications

Mfr	Description	Material	in.
Times Microwave	Inner Conductor	Solid BC	0.056
	Dielectric	Foam PE	0.15
	Outer Conductor	Aluminum Tape	0.155
	Overall Braid	Tinned Copper	0.178
	Jacket	(see table above)	0.24

Connectors

Mfr	Part #	Description	Interface	VSWR** Freq. (GHz)	Coupling Nut	Inner Contact Attach	Outer Contact Attach
Times Microwave	EZ-240-NMH-D	Straight Plug	N Male	<1.25:1 (2.5)	Hex./Knurl	Spring Finger	Crimp
	TC-240-NMH-D	Straight Plug	N Male	<1.25:1 (2.5)			
	TC-240-NF-BH	Bulkhead Jack	N Female	<1.25:1 (2.5)	-	Solder	
	EZ-240-TM	Straight Plug	TNC Male	<1.25:1 (2.5)	Knurl	Spring Finger	
	TC-240-TM	Straight Plug	TNC Male	<1.25:1 (2.5)	Knurl	Solder	

**VSWR spec based on 3' cable with a connector

Install Tools

Mfr	Part #	Description
Times Microwave	ST-240EZ	Strip tool for EZ connectors

BRAIDED CABLE

LMR-400 3/8"
Flexible Low Loss
Communications Coax



Mfr	Part #	Application	Jacket	Color
	LMR-400	Outdoor	PE	
Times	LMR-400-DB	Outdoor/Watertight	PE	Black
Microwave	LMR-400-FR	Indoor/Riser CMR	FRPE	

Construction Specifications

Mfr	Description	Material	in.
	Inner Conductor	Solid BCCAI	0.108
	Dielectric	Foam PE	0.285
	Outer Conductor	Aluminum Tape	0.291
Times	Overall Braid	Tinned Copper	0.320
Microwave	Jacket	(see table above)	0.405

Connectors

Mfr	Part #	Description	Interface	VSWR** Freq. (GHz)	Coupling Nut	Inner Contact Attach	Outer Contact Attach
Times Microwave	TC-400-716-FC	Straight Jacket	7-16 DIN Female	<1.25:1 (2.5)	-	Solder	Clamp
	EZ-400-716-M	Straight Jacket	7-16 DIN Male	<1.25:1 (2.5)	Hex	Spring Finger	Crimp
	EZ-400-716M-RA	Right Angle	7-16 DIN Male	<1.35:1 (6)	Hex		
	EZ-400-NF	Straight Jacket	N Female	<1.25:1 (2.5)	-		
	EZ-400-NMH-D	Straight Plug	N Male	<1.25:1 (10)	Hex/ Knurl		

**VSWR spec based on 3' cable with a connector

Install Tools

Mfr	Part #	Type
Times Microwave	HX-4	Crimp Handle
	Y1719	Crimp Dies, 0.429"
	CT-400/300	Crimp Tool
	CR-400	Crimp Rings, 10 ct.
	CST-400	Strip Tool, Crimp & Clamp
	GST-400	Mid-Span Strip Tool
	TK-400EZ	Tool Kit, Crimp Style Includes: CCT-01, CST-400, CT-400/300, Tool Pouch

LMR®-600 1/2"
Flexible Low Loss
Communications Coax



Mfr	Part #	Application	Jacket	Color
	LMR-600	Outdoor	PE	
Times	LMR-600-DB	Outdoor/Watertight	PE	Black
Microwave	LMR-600-FR	Indoor-Riser CMR	FRPE	

Construction Specifications

Mfr	Description	Material	in.
	Inner Conductor	Solid BCCAI	0.176
	Dielectric	Foam PE	0.455
	Outer Conductor	Aluminum Tape	0.461
Times	Overall Braid	Tinned Copper	0.490
Microwave	Jacket	(see table above)	0.590

Connectors

Mfr	Part #	Description	Interface	VSWR** Freq. (GHz)	Coupling Nut	Inner Contact Attach	Outer Contact Attach
Times Microwave	TC-600-716FC	Straight Jack	7-16 DIN Female	<1.25:1 (2.5)	-	Solder	Clamp
	EZ-600-716MH	Straight Plug	7-16 DIN Male	<1.25:1 (2.5)	Hex	Spring Finger	Crimp
	EZ-600-716M-RA	Right Angle	7-16 Male	<1.35:1 (6)	Hex		
	EZ-600-NF	Straight Jack	N Female	<1.25:1 (.25)	-		
	EZ-600-NMH-D	Straight Plug	N Male	<1.25:1 (8)	Hex/ Knurl		





**VSWR spec based on 3' cable with a connector



Install Tools

Mfr	Part #	Type
Times Microwave	HX-4	Crimp Handle
	Y1720	Crimp Dies, 0.610"
	CR-600	Crimp Rings, 10 ct.
	ST-600C	Strip Tool, Clamp Style
	ST-600EZ	Strip Tool, Crimp Style
	GST-600A	Midspan Strip Tool
	TK-600EZ	Tool Kit, Crimp Style Includes: CCT-01, ST-600EZ, HX-4, Y1720, DBT-U, Tool Pouch




Connector Tools

Cable Prep Tools

Mfr	Handheld	Cable Type	Blades
Andrew Solutions			
	MCPT-1412	FSJ1 & FSJ4	209874
	MCPT-3812	MSJ2 & FSJ4	209874
	MCPT-L4	LDF4	MCPT-BK4
	MCPT-78	LDF5 & AVA5	MCPT-BK5
	Automated	Cable Type	Blades
			
	CPT-F4B	FSJ4	CPT-BKSF4
	CPT-L4ARC1	LDF4	CPT-BKS1
	CPT-12U	LDF4	CPT-BK12U
CPT-L45RC	LDF4.5	CPT-BKS1	
CPT-78U	LDF5 & AVA5	CPT-BK5	
A5-EZPT	AVA5 EZ FFT CONN	N/A	
CPT-114U	LDF6 & AVA6	CPT-BK6	
A6-EZPT	AVA6 EZ FFT CON	N/A	
CPT-158U	LDF7 & AVA7	CPT-BK7	
A7-EZPT	AVA7 EZ FFT CONN	N/A	

Mfr	Handheld	Cable Type	
Commscope	12-HPT	1/2" coaxial cable	
	78-HPT	7/8" coaxial cable	
	Automated	Cable Type	
	SFXACT-1	SFX500 (A Series)	
	SFXEZPT	SFX500 (EZ FIT)	
	540EZPT	FXL540	
	780EZPT	FXL780	
	1480PT	FXL1480	
	FXL/CR1873PT	FXL1873	

Replacement blades not offered by Commscope

Mfr	Handheld	Cable Type	Blades
RFS			
	TRIM-12-5-06	SCF12	TRIM-B09
	TRIM-12-L	LCF12	TRIM-B09
	TRIM-58-L	LCF58	TRIM-B09
	TRIM-78-L	LCF78 (Rapid fit)	TRIM-B09
	TRIM-78-LF	LCF78 (Omni Fit)	TRIM-B09
	Automated	Cable Type	Blades
			
	TRIM-S12-A	SCF12	916831
	TRIM-L12-A	LCF12	916586
TRIM-L78-A	LCF78/4LCF78	916577	
TRIM-L114-A	LCF114	916578	
TRIM-L158-A	LCF158	916579	

Cable Prep Kits

Mfr	Andrew Solutions	Commscope	RFS
Part #	PREPKIT-ANDREW	PREPKIT-COMMSCOPE	PREPKIT-RFS
(1) Large Carrying Case	1550-BLACK	1550-BLACK	1550-BLACK
(1) 1/2" Superflex Ground Stripper	GKT-F4A	SFXMSS	-
(1) 1/2" Ground Stripper	GKT-L4A	540MSS	JSTRIP-12
(1) 7/8" Ground Stripper	GKT-78A	780MSS	JSTRIP-78
(1) 1-1/4" Ground Stripper	GKT-114A	1480MSS	JSTRIP-114
(1) 1-5/8" Ground Stripper	GKT-158A	1873AMSS	JSTRIP-158
1/2" Superflex Auto Prep	CPT-F4B	SFXEZPT	TRIM-S12-A
(1) 1/2" Auto Prep	CPT-L4ARC1	540EZPT	TRIM-L12-A
(1) 7/8" Auto Prep	CPT-78U	780EZPT	TRIM-L78-A
(1) 1-1/4" Auto Prep	CPT-114U	1480PT	TRIM-L114-A
(1) 1-5/8" Auto Prep	CPT-158U	FXL/CR1873PT	TRIM-L158-A
Hand Prep Tool	MCPT-1412	540HPT	-
(2) Spanner Wrenches	-	-	34-358






Cable Preparation Kit


Includes cutting tool, hex wrench, and jacket stripping tool

Mfr	Part #	Cable Type
Andrew Solutions	CPT-BR400-KIT	CNT400

Ground Kit Tools

Mfr	Ground Kit Tools	Cable Type	Blades
Andrew Solutions			
	GKT-F4A	FSJ4	GKT-BKF4
	GKT-L4A	LDF4	GKT-BK512
	GKT-L4SG	LDF4	GBK-SG1278
	GKT-78A	AVA5	GKT-BK512
	GKT-78SG	AVA5	GBK-SG1278
	GKT-114A	AVA6	GKT-BK67
	GKT-114SG	AVA6	GBU-SG114158
GKT-158A	AVA7	GKT-BK67	

Mfr	Ground Kit Tools	Cable Type
Commscope		
	SFXMSS	SFX500
	540MSS	FXL540
	780MSS	FXL780
	1480MSS	FXL1480
1873AMSS	FXL1873	

Mfr	Ground Kit Tools	Cable Type	Blades
RFS			
	JSTRIP-12	1/2"	916529-001
	JSTRIP-78	7/8"	916529-002
	JSTRIP-114	1 1/4"	916529-003
	JSTRIP-158	1 5/8"	916529-004

Misc. Tools



Cable Flaring Tool
Separates foam from outer conductor of coaxial cable

Mfr	Part #	Description
	224363	1/2"
Andrew Solutions	224368	7/8"
	224373	1-1/4"



Combo Tool
Open end wrench for connector body, chamfer tool, file, inner conductor gauge, jacket cut-off gauge for 1/2" and 7/8" cable

Mfr	Part #
Andrew Solutions	CT-7812



Adjustable Spanner Wrench
1-1/4" - 3" for RFS Connectors

Part #
34-358

Torque Wrenches



Mfr	Part #	Cable Type	Connector Type
	244377	All	7-16 DIN coupling nut
	244379	All	Type N coupling nut
Andrew Solutions	Part #	Description	
	TW-SFX-EZFC	for 3/8" EZfit® connectors, 17 mm	
	TW-12-EZFC	for Front Clamping Nut on 1/2" EZfit connectors, 20 mm	
	TW-78-EZFC	for 7/8" EZfit connectors, 34 mm	
	TW-114-EZFC	for 1-1/4" EZfit connectors, 45 mm	
	TW-158-EZFC	for 1-5/8" EZfit connectors, 60 mm	

Tapes & Weatherproofing

Thin Wall Heat Shrink 2:1

Heat shrinkable flexible polyolefin tubing that offers outstanding balance of electrical, physical, and chemical properties for wide range of applications



Mfr	Part #	Size	Description	Color
3M	FP301-3/8-BLK-100	3/8"	100' Spool	Black
	FP301-1/2-BLK-100	1/2"	100' Spool	
	FP301-3/4-BLK-50	3/4"	50' Spool	
	FP301-1-BLK-50	1"	50' Spool	
	FP301-1.5-BLK-50	1-1/2"	50' Spool	

Also available in clear, white, red, blue, yellow, green

Adhesive Lined Heat Shrink 3:1

Heat shrinkable flexible polyolefin tubing that offers outstanding balance of electrical, physical, and chemical properties for wide range of applications



Mfr	Part #	Size	Description	Color
3M	EPS300-3/8-CLR	3/8"	48" Stick	Clear
	EPS300-1/2-CLR	1/2"	48" Stick	
	EPS300-3/8-BLK	3/8"	48" Stick	Black
	EPS300-1/2-BLK	1/2"	48" Stick	
	EPS300-1.5-BLK	1-1/2"	48" Stick	

Also available in clear, white, red, blue, yellow, green

Cold Shrink

Provides additional moisture seal for cable connections



Mfr	Part #	Description
Andrew Solutions	245174	1/2" through 7/8" antenna and device connections
	245173	1/2" thru 3/8" cable to 1/2" thru 3/8" cable
	245171	7/8" to 1/4" thru 1/2" connections
	245172	1-5/8" or 1-1/4" to 1/4" thru 1/2" connections

Universal Weatherproofing Kit

Application: Coax Protection

Design: Tape kit for multi-layer wrap

Feature: Multi-connection protection

Material: Butyl and vinyl

Includes: 5 rolls butyl mastic, 1 roll 2" x 20' and 2 rolls of 3/4" x 66' PVC tape



Mfr	Part #
Andrew Solutions	252133

Premium Weatherproofing Kit

Includes:

- (2) rolls Super 33+ Black Tape, 3/4" x 66' (33+Tape)
- (1) Super 88 Black Tape, 2" x 20' (88+Tape-2X20)
- (6) rolls butyl tape (PE-BUTYLTAPE)

Part #
PE-WP-PREMIUM



3M Color Tape

- Scotch® Professional use vinyl electrical tape for color coding
- Excellent insulating properties
- Resist UV rays, abrasion, corrosion, alkalines, and acid



Mfr	Length	Thickness	Color	Part #	
				35-Series	1700-Series
3M	3/4" x 66'	7 mil		35-Blue	1700-Blue
	3/4" x 66'	7 mil		35-Brown	1700-Brown
	3/4" x 66'	7 mil		35-Gray	1700-Gray
	3/4" x 66'	7 mil		35-Green	1700-Green
	3/4" x 66'	7 mil		35-Orange	1700-Orange
	3/4" x 66'	7 mil		35-Red	1700-Red
	3/4" x 66'	7 mil		35-Violet	1700-Violet
	3/4" x 66'	7 mil		35-White	1700-White
	3/4" x 66'	7 mil		35-Yellow	1700-Yellow

Note: Colors shown above may be different than actual color
 UL Listed
 UV Resistance exceeds UL510

Enclosures



Provides additional moisture seal for cable connections

Mfr	Part #	Description
Andrew Solutions	AWE-A12-C	for 1/2" jumpers to antennas or devices
	AWE-7812	for 7/8" to 1/2" connections
	AWE-11412	for 1-1/4" to 1/2" connections
	AWE-15812	for 1-5/8" to 1/2" connections
Tyco	GSIC-1/2-ANT-L	for 1/2" to ANT
	GSIC-1/2-7/8	for 1/2" to 7/8"
	GSIC-1/2-1-1/4	for 1/2" to 1-1/4"
	GSIC-1/2-1-5/8	for 1/2" to 1-5/8"

3M Black Tape

Mfr	Part #	Product	Description	Thickness	UV Resistance	Temp Rating	Specs/Certifications
3M	1700-Black	3M Temflex General All Purpose Tape, 3/4" x 66'	Economical, flexible, general purpose	7 mil	Meets UL510 req.	176°F 80°C	ASTM D-2301 Type I UL Listed
	33+	Scotch Professional Use Premium Vinyl Electrical Tape, 3/4" x 66'	Highly comfortable, super stretchy, resists UV rays, abrasion, corrosion	7 mil	Exceeds UL510 req.	220°F 105°C req.	A-A-55809 ASTM D3005 Type I UL Listed
	SUPER88	Scotch Professional Use Premium Vinyl Electrical Tape, 3/4" x 66'	All weather; heavy duty, abrasion resistant, fast build up	8.5 mil	Exceeds UL510 req.	220°F 105°C req.	ASTM D-3005 Type II UL Listed
	700-BLACK	3M 700 General Purpose Vinyl Electrical Tape, 2" x 20'	Economical, flexible, general purpose	7 mil	Meets UL510 req.	176°F 80°C	ASTM D-2301 Type I UL Listed
	88+2x20	Scotch Professional Use Vinyl Electrical Tape, 2" x 20'	All weather, heavy duty, abrasion resistant, fast build up	8.5 mil	Exceeds UL510 req.	220°F 105°C req.	ASTM D-3005 Type II UL Listed

Mastic Tape

Part #	Description
PE-BUTYL	2.5" x 24" Mastic Tape



Self Fusing Tape

Mfr	Part #	Description
Andrew	FT-TB	15' Roll Black Fusing Tape
MoCap	TPE-XR1510B	1.5" x 10' X-Treme Tape

Caution Tape



Job site caution tape

Part #	Description
CAUTION	3" x 1,000' Roll

Stackable Snap-in Hangers

Application: Coaxial cable support
 Size: 1/2" to 1-5/8" coaxial cable
 Design: Stackable snap-in hanger solution
 Feature: Compact coaxial cable bundles
 Mounts to: 3/4" (19.1 mm) holes
 Material: Stainless steel
 Includes: 10 hangers
 Order Separately: Additional mounting accessories



Mfr	Part #	Description
SnapStak Hanger Kit		
Andrew Solutions	SSH-12	for 1/2" corrugated cable, kit of 10
	SSH-78	for 7/8" corrugated cable, kit of 10
	SSH-114	for 1-1/4" corrugated cable, kit of 10
	SSH-158	for 1-5/8" coaxial cabl, kit of 10
	SSH-158-3	for 1-5/8" coaxial cable, Triple stack capability, includes reinforcement bar, kit of 10
	SSHR-10	SnapStack Reinforcement Bar, kit of 10
	SSHAK-3812	for RET cable, kit of 10, includes hanger and insert
SSHA-38	Insert, adapts 1/2" snap-in hanger to RET cable, kit of 10	

Universal Snap-in Hangers

Application: Coaxial cable support
 Size: 1/2" to 2-1/4" coaxial cable
 Design: One-piece hanger solution
 Feature: Simplifies coaxial cable installation
 Mounts to: 3/4" (19.1 mm) holes
 Material: Stainless steel
 Includes: Hangers, kit of 10
 Order Separately: Additional mounting accessories



Mfr	Part #	Description	Fit Code
Universal Snap-in Hanger			
Andrew Solutions	252113	for 1/2" corrugated, smooth wall, and 600 braided coaxial cable	CSB
	252114	for 5/8" corrugated and 900 braided coaxial cable	CB
	252115	for 7/8" corrugated, smooth wall, and 1200 braided coaxial cable	CSB
	252116	for 1-1/4" corrugated and 1700 braided coaxial cable	CB
	252117	for 1-5/8" corrugated and smooth wall coaxial cable	CS
	252118	for 2-1/4" corrugated coaxial cable	S

Snap-in Hangers - Elliptical

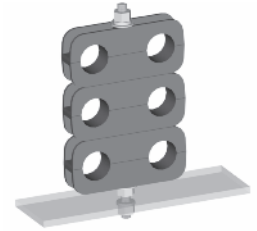
Mfr	Part #	Description
Snap-in Hangers - Elliptical		
Andrew Solutions	EWSH-90	for EW90 waveguide
	EWSH-63	for EW63 waveguide
	EWSH-52	for EW52 waveguide



Fit Code Legend
 C = Corrugated Cable
 S = Smooth Wall Cable
 B = Braided Cable

Mini Coax Support Blocks

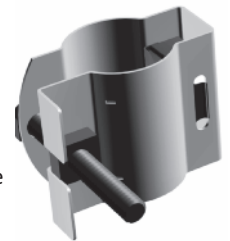
Application: Coaxial cable support
 Size: 1/2" to 2-1/4" coaxial cable
 Design: Two-run block hangers
 Feature: Compact coaxial cable bundles
 Mounts to: 3/8" or 10 mm threaded rod
 Material: Long glass polypropylene
 Includes: Blocks only, kit of 10
 Order Separately: 3/8" or 10 mm mounting hardware kits and additional accessories



Mfr	Part #	Description	Fit Code
Mini Coax Support Blocks			
Andrew Solutions	252125	for 1/2" corrugated coaxial cable	CS
	252126	for 5/8" corrugated or 900 braided coaxial cable	CB
	252127	for 7/8" corrugated coaxial cable	CS
	252128	for 1-1/4" corrugated coaxial cable	CS
	252129	for 1-5/8" corrugated or smooth wall coaxial cable	CS
	HA294187	for 2-1/4" corrugated cable	C
	68MCLICK	Click-on hangers for 6-8 mm cable (FSJ1A, CNT-240, CNT-300)	-
	912MCLICK	Click-on hangers for 6-8 mm cable (LDF4, LDF4-50A, CNT-500, CNT-600)	-

Butterfly Hangers

Application: Coaxial cable support
 Size: 1/2" to 2-1/4" coaxial cable
 Design: Bolt-on single run hanger
 Feature: Traditional hanger solution
 Mounts to: 7/16" (11.1 mm) pre-punched hole
 Material: Stainless steel
 Includes: Hangers and set bolts, kit of 10
 Order Separately: Hanger hardware kits (pg 103) and additional accessories



Mfr	Part #	Description	Fit Code
Butterfly Hanger Kit			
Andrew Solutions	252119	for 3/8" and 1/2" corrugated, smooth wall, and braided coaxial cable* (EW180, 220, 240)	CSB
	252120	for 5/8" corrugated and braided coaxial cable* (EW127A, 132)	CB
	252121	for 7/8" corrugated, smooth wall, and braided coaxial cable* (EW85, EW90)	CSB
	252122	for 1-1/4" CB corrugated, smooth, and braided coaxial cable* (EW63)	CSB
	252123	for 1-5/8" corrugated and smooth wall coaxial cable* (EW52)	CS
	252124	for 2-1/4" corrugated coaxial cable*	C

*Hanger hardware kit not included, order separately (pg 103)

Coax Accessories and Port Entry Solutions

Mounting Hardware Kits for Coax Support Blocks

Application: Coaxial cable support
 Size: 3/8" to 10 mm versions
 Design: 1, 2, and 3-stack threaded rod kits
 Feature: Stacks coaxial cable blocks
 Mounts to: 3/8" or threaded rod
 Material: (3/8") Galvanized steel
 Includes: Threaded rod and hardware, kit of 10

Mfr	Part #	Description
3/8" Galvanized Hardware Kit		
Andrew Solutions	294750	for (1) Coaxial Cable Support Block
	294751	for 1-5/8" Coaxial Cable Support Block
	294752	for (2) Coaxial Cable Support Blocks
	294753	for (2) 1-5/8" Coaxial Cable Support Blocks
	294754	for (3) Coaxial Cable Support Blocks
	294755	for (3) 1-5/8" Coaxial Cable Support Blocks

Hanger Hardware Kits

Application: Coaxial cable support
 Design: Hardware kit for hanger attachment to member
 Material: Stainless steel
 Includes: Bolts, nuts, lockwashers, kit of 10
 Order Separately: Hangers (pg 102)



Part #	Description
HK-38100/10	3/8" x 1" SS hardware, kit of 10
HK-38114/10	3/8" x 1-1/4" SS hardware, kit of 10

Angle Adapters

Application: Coaxial cable support
 Design: Adapts hangers to angle members
 Mounts to: Up to 7/8" angle members
 Material: Stainless steel
 Includes: Adapters, set bolt, hanger hardware kit, kit of 10
 Order Separately: Hangers (pg 102)



Mfr	Part #	Description
Andrew Solutions	252130	Universal Angle Adapter (insert included)
	294571	Universal Angle Adapter, Snap-in version (insert not included)
	294572	Angle Adapter with 3/8" tapped holes
	252131	Compact angle adapter with 3/8" tapped holes

Stand-Off Adapters

Application: Coaxial cable support
 Design: Adapts hangers to round members
 Includes: Stand-offs, kit of 10



Mfr	Part #	Description
Andrew Solutions	294561*	Stand-off Adapter with 3/8" tapped hole
	294562*	Snap-in, Stand-Off Adapter

*Round member adapters (pg 105) must be purchased separately.

Clamp Heads

Mfr	Part #	Description
Andrew Solutions	MF19901-10	Clamp head, kit of 10



Universal Angle Adapter Inserts

Mfr	Part #	Description
Andrew Solutions	UAAI	3/8" Universal Angle Adapter Insert, Package of 10



Snap-in Adapter Block

Application: Coaxial cable support
 Size: 3/4" (19.1 mm) holes
 Design: Three run cluster bracket
 Feature: Compact mounting solution
 Mounts to: Round member, angle member, cable ladders, and channel sections
 Material: Stainless steel
 Includes: Ten brackets
 Order Separately: Hangers (pg 102) & mounting hardware (pgs 65 and 104)



Mfr	Part #	Description
Andrew Solutions	SA-38	Snap-in Adapter Block, kit of 10
	ARA-22	Strut snap-in fitting

Mini Cluster Block

- Made from 2" x 1/8" flat stock
- Galvanized steel
- 7/16" and 3/4" holes on 3 sides and a 7/16" hole on 1 side
- Sold in kits of 10



Mfr	Part #	Description
Connect-It	MCB	Mini Cluster Block, kit of 10

Round Member Adapters

Application: Coaxial cable support
 Size: 1/2" (12.7 mm) wide
 Design: Slotted hose clamps
 Feature: Adapts hangers to round members
 Mounts to: Versions for 1" to 10"
 Material: Stainless steel
 Includes: Adapters, kit of 10
 Order Separately: Hangers (pg 102)



Mfr	Part #	Description
Andrew Solutions	294555	1"–2" OD (25.4 mm–50.8 mm OD)
	294556	2"–3" OD (50.8 mm–76.2 mm OD)
	294557	3"–4" OD (76.2 mm–101.6 mm OD)
	294558	4"–5" OD (101.6 mm–127.0 mm OD)
	294559	5"–6" OD (127.0 mm–152.4 mm OD)
	294560	6"–8" OD (152.4 mm–203.2 mm OD)
	RM-A800	2"–10" OD (203.2 mm–254.0 mm OD)

Make-A-Clamp Kit

- Make any size stainless steel clamp**
- Maintenance "clamp system" in a box.
 - Make any size 100% stainless steel worm-drive clamp from 3" to 10' in diameter in the field
 - Kit includes 100' of continuous banding and 25 clamp brackets
 - No banding tools necessary
 - Great for monopoles



Part #	Description
4001	Make-A-Clamp Kit

Lace-Up Hoisting Grips

Application: Coaxial cable and waveguide support
 Size: Versions for coaxial and elliptical waveguide
 Design: Mesh grip with single eye support
 Feature: Lace-up installation at any point on coaxial
 Material: Tinned bronze
 Includes: Grip, self-locking clip, and tape



Mfr	Part #	Description	Fit Code
Lace-up Hoisting Grip			
Andrew Solutions	252107	for 1/2" corrugated, smooth wall, and braided coaxial cable, WE190, WE191, and E185	CSB
	252108	for 5/8" corrugated and braided coaxial cable EW122, EW127, EW132, EW85, EW90, WE108, E105, WE122, WE130, WE150, E130, and E150	CB
	252109	for 7/8" corrugated, smooth wall, and braided coaxial cable EW77, WE78, and E78	CSB
	252110	for 1-1/4" corrugated and braided coaxial cable EW63, EW64, WE65, and WE70	CSB
	252111	for 1-5/8" corrugated and smooth wall coaxial cable EW52 and WE61	CS
	252112	for 2-1/4" corrugated coaxial cable W37, WE37, E38, EW43, WE46, and ES46	C

Cable Ties

Part #	Description
AL-07-50-0-C	8", 50 LB, UV Black, 100 CT
AL-11-50-0-C	11", 50 LB, UV Black, 100 CT
AL-14-50-0-C	14", 50 LB, UV Black, 100 CT
AL-17-50-0-C	17", 50 LB, UV Black, 100 CT
AL-21-50-0-C	21", 50 LB, UV Black, 100 CT
AL-14-120-0-C	14", 120 LB, UV Black, 100 CT
AL-18-120-0-C	18", 120 LB, UV Black, 100 CT
AL-24-175-L-C	24", 175 LB, UV Black, 50 CT



Velcro Cable Ties

Part #	Description
VT-60050-BK	6", Black, 50 CT
VT-60050-BL	6", Blue, 50 CT
VT-60050-GN	6", Green, 50 CT
VT-60050-RD	6", Red, 50 CT
VT-60050-YE	6", Yellow, 50 CT
VT-80050-BK	8", Black, 50 CT
VT-80050-BL	8", Blue, 50 CT
VT-80050-GN	8", Green, 50 CT
VT-80050-RD	8", Red, 50 CT
VT-80050-YE	8", Yellow, 50 CT
VT-120050-BK	12", Black, 50 CT
VT-120050-BL	12", Blue, 50 CT
VT-120050-GN	12", Green, 50 CT
VT-120050-RD	12", Red, 50 CT
VT-120050-YE	12", Yellow, 50 CT



Pre-Laced Hoisting Grips

Application: Coaxial cable support
 Size: 1/4" to 2-1/4" coaxial cable
 Design: Mesh grip with single eye support
 Feature: Pre-laced to simplify installation
 Material: Tinned bronzed
 Includes: One hoisting grip and clamp



Mfr	Part # Support Grip	Part # Support Clamp	HELIAX® Cable	
			Size	Type
Andrew Solutions	L2SGRIP	L2SGRIP-21K	3/8"	LDF2
	L4SGRIP	L4SGRIP-41K	1/2"	LDF4
	L5SGRIP	L5SGRIP-51K	7/8"	LDF5, AVA5
	L6SGRIP	L6SGRIP-61K	1-1/4"	LDF6, AVA6
	L7SGRIP	L7SGRIP-71K	1-5/8"	LDF7, AVA7

Fit Code Legend
 C = Corrugated Cable
 S = Smooth Wall Cable
 B = Braided Cable

Coax Accessories and Port Entry Solutions

Universal Ground Kits

Application: Grounding
 Size: Fits coaxial and elliptical waveguide
 Design: Coil-up installation
 Feature: One-size-fits-all design
 Mounts to: Coaxial outer conductor
 Material: Tinned copper
 Includes: Ground kit, lug, and weatherproofing kit



Mfr	Part #	Description	Fit Code
Andrew So- lutions	252172	5' lead with unattached 1/4" and 3/8" two-hole lugs	CSB

Clip-on Ground Kits

Application: Grounding
 Size: 1/2" to 2-1/4" coaxial cable
 Design: One-piece style
 Mounts to: Coaxial outer conductor
 Material: Tinned copper
 Includes: Ground kit, lug, and weatherproofing kit



Mfr	Part #	Description	Fit Code
Andrew Solutions	294500	for 1/2" corrugated coaxial cable, includes 5' lead with unattached 3/8" two-hole lug	C
	294502	for 5/8" corrugated coaxial cable, includes 5' lead with unattached 3/8" two-hole lug	C
	294504	for 7/8" corrugated coaxial cable, includes 5' lead with unattached 3/8" two-hole lug	C
	294506	for 1-1/4" corrugated coaxial cable, includes 5' lead with unattached 3/8" two-hole lug	C
	294508	for 1-5/8" corrugated coaxial cable, includes 5' lead with unattached 3/8" two-hole lug	C
	294510	for 2-1/4" corrugated coaxial cable, includes 5' lead with unattached 3/8" two-hole lug	C
	SG12-12B2U	FXL540, LDF4 1/2" smooth wall and corrugated	CS
	SG78-12B2U	FXL780, AVA5 7/8" smooth wall and corrugated	CS
	SG114-12B2U	FXL1480, AVA6 1-1/4" smooth wall & corrugated	CS
	SG158-12B2U	FXL1873, AVA7 1-5/8" smooth wall & corrugated	CS

Fit Code Legend
 C = Corrugated Cable
 S = Smooth Wall Cable
 B = Braided Cable

Feed-Thru Boot Assemblies

Application: Entry port solutions
 Size: 4" and 5"
 Design: Compression boot for aluminum entry panels
 Feature: One-piece design simplifies installation
 Mounts to: Entry panels
 Material: EPDM rubber
 Includes: Boot, two hose clamps
 Order Separately: Cushion inserts (below), entry panel (pg 106)



Mfr	Part #	Description
Andrew So- lutions	294573	4" Boot Assembly, cushion not included
	294574	5" Boot Assembly, cushion not included

Cushion Inserts

Application: Entry port solutions
 Size: Versions for coaxial cable
 Design: Compression fit round cushions
 Feature: Dependable seal
 Mounts to: Feed-thru boot assembly
 Material: EPDM rubber
 Includes: Cushion
 Order Separately: Boot assembly (above), entry panel (pg 106)

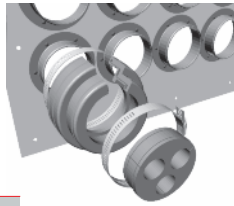


Mfr	Part #	Description	Fit Code
Andrew Solutions	PE-SC-B	Blank (no holes)	-
	PE-SC38-1	with 1 hole for 3/8" corrugated and smooth wall coaxial cable	CS
	294682	with 3 holes for 3/8" corrugated and smooth wall coaxial cable	CS
	294684	with 1 hole for 1/2" corrugated and smooth wall coaxial cable	CS
	294685	with 2 holes for 1/2" corrugated and smooth wall coaxial cable	CS
	294686	with 3 holes for 1/2" corrugated and smooth wall coaxial cable	CS
	294687	with 4 holes for 1/2" corrugated and smooth wall coaxial cable	CS
	294693	with 1 hole for 5/8" corrugated and 900 braided coaxial cable	CB
	294694	with 2 holes for 5/8" corrugated and 900 braided coaxial cable	CB
	294695	with 3 holes for 5/8" corrugated and 900 braided coaxial cable	CB
	294696	with 4 holes for 5/8" corrugated and 900 braided coaxial cable	CB
	294697	with 1 hole for 7/8" corrugated coaxial cable	CS
	294698	with 2 holes for 7/8" corrugated coaxial cable	CS
	294699	with 3 holes for 7/8" corrugated and smooth wall coaxial cable	CS
	294700	with 4 holes for 7/8" corrugated and smooth wall coaxial cable	CS
	294701	with 1 hole for 1-1/4" corrugated and smooth wall coaxial cable	CS
	294702	with 1 hole for 1-5/8" corrugated and smooth wall coaxial cable	CS
	294703	with 1 hole for 2-1/4" corrugated coaxial cable	C

Coax Accessories and Port Entry Solutions

4" Feed-Thru Entry Panels

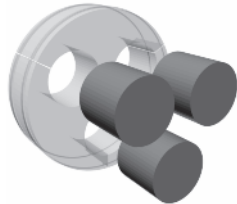
Application: Entry port solutions
 Size: Six configurations
 Design: Entry plates with round ports
 Feature: Easy to install solution
 Mounts to: Walls
 Material: Aluminum
 Includes: Port, caps, mounting hardware



Mfr	Part #	Description
Andrew Solutions	252134	1 port, 1 x 1, compact
	252135	1 port, 1 x 1, standard
	252136	4 port, 2 x 2, standard
	252137	6 port, 2 x 3
	252138	8 port, 2 x 4, standard
	252139	12 port, 3 x 4, standard

Cushion Plugs

Application: Entry port solutions
 Size: 1/2" to 1-5/8" coaxial cable
 Design: Plugs for unused cushion holes
 Feature: Allows for future expansion
 Mounts to: Cushion inserts
 Material: EPDM rubber
 Includes: Plugs, kit of 5
 Order Separately: Cushion inserts or boot assemblies (pg 105)



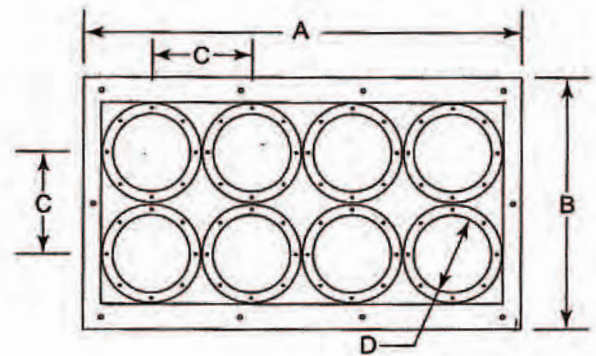
Mfr	Part #	Description
Andrew Solutions	294735	for 1/2" corrugated coaxial cable
	294736	for 3/8" corrugated & smooth wall coaxial cable
	294737	for 5/8" corrugated and LMR-900 coaxial cable
	294738	for 7/8" corrugated coaxial cable
	294739	for 1-1/4" corrugated coaxial cable
	294740	for 1-5/8" corrugated & smooth wall coaxial cable

Entry Panels

Mfr	Part #	Description
Harger	HLG1334	12 port, 3 x 4
	HLG1447	16 port, 4 x 4
	HLG1333	18 port, 3 x 6
	HLG1861	20 port 4 X 5
	HLG1340	24 port, 4 x 6



HLG1334



ENTRY PANEL REFERENCE GUIDE					
Port Size	A	B	C	D	Primus Part #
1 X 1					
Compact	5	5	N/A	4"	PE-EP4-1X1C
1 X 1					
Standard	7	7	N/A	4"	PE-EP4-1X1
1 X 2	1' 3-1/2"	9-1/2"	6"	4"	PE-EP4-1X2
1 X 3	1' 8"	9-1/2"	5-1/2"	4"	PE-EP4-1X3
1 X 4	2' 1-1/2"	9-1/2"	5-1/2"	4"	PE-EP4-1X4
1 X 6	3' 1/2"	9-1/2"	5-1/2"	4"	PE-EP4-1X6
2 X 2	1' 5-1/2"	1' 5-1/2"	5-1/2" x 7"	4"	PE-EP4-2X2
2 X 3	1' 11"	1' 5-1/2"	5-1/2"	4"	PE-EP4-2X3
2 X 4	2' 1-1/2"	1' 5-1/2"	5-1/2"	4"	PE-EP4-2X4
3 X 3	1' 11"	1' 11"	5-1/2"	4"	PE-EP4-3X3
2 X 5	2' 7"	1' 5-1/2"	5-1/2"	4"	PE-EP4-2X5
2 X 6	3' 3-1/2"	1' 5-1/2"	5-1/2"	4"	PE-EP4-2X6
3 X 4	2' 4-1/2"	2' 1-1/2"	5-1/2"	4"	PE-EP4-3X4
3 X 5	2' 10"	1' 11"	5-1/2"	4"	PE-EP4-3X5
2 X 8	4' 2-1/2"	1' 5-1/2"	5-1/2"	4"	PE-EP4-2X8
4 X 4	2' 1-1/2"	2' 1-1/2"	5-1/2"	4"	PE-EP4-4X4
3 X 6	3' 3-1/2"	2' 1-1/2"	5-1/2"	4"	PE-EP4-3X6
4 X 5	2' 7"	2' 4-1/2"	5-1/2"	4"	PE-EP4-4X5
4 X 6	3' 3-1/2"	2' 7"	5-1/2"	4"	PE-EP4-4X6