

PRE-EXISTING ACCESSORIES - DISH Approved as Compatible Accessories List - Q1 2013

Effective February 1, 2013 through March 31, 2013

This list is to be used for performing QA inspections 2-1-2013 through 3-31-2013

PRE-EXISTING ACCESSORIES - DISH Approved as Compatible Accessories - are approved for use from the DISH antenna to the receiver and all components used in mounting and grounding.

Items developed and or distributed through Echostar Technologies L.L.C. are to be considered as acceptable by default. Examples: DPP44, DPP Separator, Triplexer, Nodes, Taps, Isolators, Hughes and DishNet Equipment.

Dish Approved As Compatible Accessories List contact: David Erdos, (303) 723-3814 david.erdos@dish.com

USING PRE-EXISTING RG6 COAX CABLE - VIP & EARLIER ONLY

Any brand of pre-existing RG-6 cable may be used on VIP and earlier systems if certain criteria is met. Pre-existing cable is defined as cable installed and secured on a customers location prior to the creation of the latest work order. Any coax cable added to any system must be on the approved list, no exceptions.

Pre-existing cable must be RG-6 in "good condition" – cable cannot have cuts or bends, staples, excessive barrels, or contain barrels between LNBF & ground block. Cable must not have excess dBm loss (no more than 1 dBm loss per 10 feet of cable) and not impact signal strength. Any barrels between the LNBF & receiver must be high frequency and on the Approved List.

HOPPER EXCLUSION: Only Hopper approved "ALL VIDEO" cable on the Approved list may be used between the LNBF and the Hopper.

COPPER CLAD STEEL (CCS) COAX CABLE, RG6

MANUFACTURER	COLOR	APPROVED USE	SINGLE	SINGLE W/MESS	DUAL	DUAL W/MESS
CHANNEL MASTER	BLACK		CHM 180270	CHM 180273	CHM 180275	CHM 180277
CHANNEL MASTER	WHITE	ALL VIDEO	CHM 180271	CHM 180274	CHM 180276	CHM 180278
CHANNEL MASTER	GRAY		CHM 180279	CHM 180280	CHM 180281	CHM 180282
CHANNEL MASTER	ORANGE BURIAL		-	-	-	CHM 180283
DIGITAL ELECTRONIC SUPPLY	BLACK	ALL VIDEO	S6SCS3GBLK	S6SMCCS3GBLK	S6DCCS3GBLK	S6DMCCS3GBLK
DIGITAL ELECTRONIC SUPPLY	WHITE		S6SCS3GWHT	S6SMCCS3GWHT	S6DCCS3GWHT	S6DMCCS3GWHT
LASER (FORTREX)	BLACK		LSC250	LSC254	LSC255	LSC256
LASER (FORTREX)	GRAY	ALL VIDEO	LSC266	LSC272	LSC268	LSC270
LASER (FORTREX)	TAN		LSC267	LSC273	LSC269	LSC271
LASER (FORTREX)	WHITE		LSC251	LSC262	LSC259	LSC263
PACE INTL	BLACK	VIP AND EARLIER	RG6CCS-BL-MVP	RG6CCSGD-BL-MVP	RG6DCCS-BL-MVP	RG6CCSDGDBL-MVP
PACE INTL	BLACK		RG6CCS-BL-DN	RG6CCSGD-BL-DN	RG6DCCS-BL-DN	RG6CCSDGDBL-DN
PACE INTL	WHITE		RG6CCS-WH-MVP	RG6CCSGD-WH-MVP	RG6DCCS-WH-MVP	RG6CCSDGDWH-MVP
PACE INTL	WHITE		RG6CCS-WH-DN	RG6CCSGD-WH-DN	RG6DCCS-WH-DN	RG6CCSDGDWH-DN
PCT INTERNATIONAL	BLACK	ALL VIDEO	A660-BVV-3	A660-BVVG-3	A660D-BVV-3	A660D-BVVG-3
PCT INTERNATIONAL	WHITE		A660-BVV-W-3	A660-BVVG-W-3	A660D-BVV-W-3	A660D-BVVG-W-3
PCT INTERNATIONAL	GRAY		A660-BVV-GY-3	A660-BVVG-GY-3	A660D-BVV-GY-3	A660D-BVVG-GY-3
PCT INTERNATIONAL	ORANGE BURIAL		-	-	-	A660D-BFG-O-3
PRIME W&C (FORTREX)	BLACK	ALL VIDEO	6200BX-PB-1000	6300BX-PB-1000	6400BX-PB-500	6600BX-PB-500
PRIME W&C (FORTREX)	GRAY		6200GX-PB-1000	6300GX-PB-1000	6400GX-PB-500	6600GX-PB-500
PRIME W&C (FORTREX)	TAN		6200TX-PB-1000	6300TX-PB-1000	6400TX-PB-500	6600TX-PB-500
PRIME W&C (FORTREX)	WHITE		6200WX-PB-1000	6300WX-PB-1000	6400WX-PB-500	6600WX-PB-500
PWC - PRIORITY WIRE & CABLE	BLACK	ALL VIDEO	DN-180270-1000'RL	DN-180273-1000'RL	DN-180275-500'RL	DN-180277-500'RL
PWC - PRIORITY WIRE & CABLE	WHITE		DN-180271-1000'RL	DN-180274-1000'RL	DN-180276-500'RL	DN-180278-500'RL
PWC - PRIORITY WIRE & CABLE	ORANGE BURIAL		-	-	DN-180283-500'RL	DN-180283-500'RL
PRO GEAR W&C (FORTREX)	BLACK	VIP AND EARLIER	1000BX-RB-1000	1003BX-RB-1000	1001BX-RB-500	1002BX-RB-500
PRO GEAR W&C (FORTREX)	GRAY		1000GX-RB-1000	1003GX-RB-1000	1001GX-RB-500	1002GX-RB-500
PRO GEAR W&C (FORTREX)	TAN		1000TX-RB-1000	1003TX-RB-1000	1001TX-RB-500	1002TX-RB-500
PRO GEAR W&C (FORTREX)	WHITE		1000WX-RB-1000	1003WX-RB-1000	1001WX-RB-500	1002WX-RB-500
SUMMIT WIRE & CABLE	BLACK	VIP AND EARLIER	6200B	6200BM	6200DB	6200DBM
SUMMIT WIRE & CABLE	GRAY		6200G	6200GM	6200DG	-
SUMMIT WIRE & CABLE	TAN		6200TAN	6200TM	6200DT	-
SUMMIT WIRE & CABLE	WHITE		6200W	6200WM	6200DW	6200DWM
TIMES FIBER	BLACK	ALL VIDEO	BSP-E16S	BSP-E16S-GW	BSP-E1D6S	BSP-E1D6S-GW
TIMES FIBER	WHITE		BSP-E16S-W	-	BSP-E1D6S-W	BSP-E1D6S-W-GW
TIMES FIBER	ORANGE BURIAL		-	-	-	BSP-E1D6S-O-DB-GW
VEXTA	BLACK	ALL VIDEO	V66-BLK-1BX	V66GW-BLK-1RL	V266-BLK-.5RL	V266GW-BLK-.5RL
VEXTA	GRAY		V66-GRY-1BX	V66GW-GRY-1RL	V266-GRY-.5RL	V266GW-GRY-.5RL
VEXTA	WHITE		V66-WHT-1BX	V66GW-WHT-1RL	V266-WHT-.5RL	V266GW-WHT-.5RL
VEXTA	ORANGE BURIAL		-	-	-	V266GW-F-.5RL

SOLID COPPER (SC) COAX CABLE, RG6 - ALL WILD BLUE AND EXEDE INSTALLATIONS REQUIRE THE USE OF SOLID COPPER (SC) CABLE.

MANUFACTURER	COLOR	APPROVED USE	SINGLE	SINGLE W/MESS	DUAL	DUAL W/MESS
CHANNEL MASTER	BLACK	ALL VIDEO AND	CHM180261	CHM180262	CHM 180284	CHM 180264
CHANNEL MASTER	GRAY	SATELLITE INTERNET	CHM180263	CHM180265	CHM180267	CHM180265
CHANNEL MASTER	WHITE		CHM180265	CHM180272	CHM180268	CHM180266
BELDEN	BLACK	VIP AND EARLIER AND	Y445145-08	1839AC	1841AC	1840AC
BELDEN	BLACK	ALL SATELLITE	1829AC	-	-	-
BELDEN	GRAY	INTERNET	Y445145-10	-	1841AC-008-500	1840AC-008-500
BELDEN	WHITE		-	-	1841AC-009-500	1840AC-009-500
LASER (FORTREX)	BLACK		LSC252	LSC261	LSC257	LSC258
LASER (FORTREX)	GRAY	ALL VIDEO AND	LSC754	LSC760	LSC756	LSC758
LASER (FORTREX)	TAN	SATELLITE INTERNET	LSC755	LSC761	LSC757	LSC759
LASER (FORTREX)	WHITE		LSC253	LSC260	LSC264	LSC265
PACE INTL	BLACK	VIP AND EARLIER AND	RG6SC-BL-MVP	RG6SCGD-BL-MVP	RG6DSC-BL-MVP	RG6SCDGD-BL-MVP
PACE INTL	BLACK	ALL SATELLITE	RG6SC-BL-DN	RG6SCGD-BL-DN	RG6DSC-BL-DN	RG6SCDGD-BL-DN
PACE INTL	WHITE	INTERNET	RG6SC-WH-MVP	RG6SCGD-WH-MVP	RG6DSC-WH-MVP	RG6SCDGD-WH-MVP
PACE INTL	WHITE		RG6SC-WH-DN	RG6SCGD-WH-DN	RG6DSC-WH-DN	RG6SCDGD-WH-DN
PCT INTERNATIONAL	BLACK	ALL VIDEO AND	A660SC-BVV-3	A660SC-BVVG-3	A660SCD-BVV-3	A660SCD-BVVG-3
PCT INTERNATIONAL	GRAY	SATELLITE INTERNET	A660SC-BVV-GY-3	A660SC-BVVG-GY-3	A660SCD-BVV-GY-3	A660SCD-BVVG-GY-3
PCT INTERNATIONAL	WHITE		A660SC-BVV-W-3	A660SC-BVVG-W-3	A660SCD-BVV-W-3	A660SCD-BVVG-W-3
PCT INTERNATIONAL	ORANGE BURIAL		-	A660SC-BFG-0-3	-	A660D-BFG-O-3
PRIME W&C (FORTREX)	BLACK	ALL VIDEO AND	7200BX-PB-1000	7300BX-PB-1000	7400BX-PB-500	7600BX-PB-500
PRIME W&C (FORTREX)	GRAY	SATELLITE INTERNET	7200GX-PB-1000	7300GX-PB-1000	7400GX-PB-500	7600GX-PB-500
PRIME W&C (FORTREX)	TAN		7200TX-PB-1000	7300TX-PB-1000	7400TX-PB-500	7600TX-PB-500
PRIME W&C (FORTREX)	WHITE		7200WX-PB-1000	7300WX-PB-1000	7400WX-PB-500	7600WX-PB-500
PWC - PRIORITY WIRE & CABLE	BLACK	ALL VIDEO AND	DN-180261-1000'RL	DN-180262-1000'RL	DN-180284-500'RL	DN-180264-500'RL
PWC - PRIORITY WIRE & CABLE	WHITE	SATELLITE INTERNET	DN-180285-1000'RL	DN-180272-1000'RL	DN-180268-500'RL	DN-180266-500'RL
PWC - PRIORITY WIRE & CABLE	ORANGE BURIAL		-	DN-194850-1000'RL	-	DN-180269-500'RL
PRO GEAR W&C (FORTREX)	BLACK	VIP AND EARLIER AND	2000BX-RB-1000	2003BX-RB-1000	2001BX-RB-500	2002BX-RB-500
PRO GEAR W&C (FORTREX)	GRAY	ALL SATELLITE	2000GX-RB-1000	2003GX-RB-1000	2001GX-RB-500	2002GX-RB-500
PRO GEAR W&C (FORTREX)	TAN	INTERNET	2000TX-RB-1000	2003TX-RB-1000	2001TX-RB-500	2002TX-RB-500
PRO GEAR W&C (FORTREX)	WHITE		2000WX-RB-1000	2003WX-RB-1000	2001WX-RB-500	2002WX-RB-500
SUMMIT WIRE & CABLE	BLACK	VIP AND EARLIER AND	7200B	7200BM	7200DB	7200DBM
SUMMIT WIRE & CABLE	GRAY	ALL SATELLITE	7200G	7200GM	7200DG	7200DWM
SUMMIT WIRE & CABLE	TAN	INTERNET	7200TAN	7200TM	7200DT	-
SUMMIT WIRE & CABLE	WHITE		7200W	7200WM	7200DW	-
TIMES FIBER	BLACK	ALL VIDEO AND	-	BSP-E16SCu-GW	BSP-E1D6SCu	BSP-E1D6SCu-GW
TIMES FIBER	ORANGE BURIAL	SATELLITE INTERNET	-	BSP-E16SCu-O-DB-GW	-	BSP-E1D6SCu-O-DB-GW
VEXTA	BLACK	ALL VIDEO AND	V621 Black	V621GW Black	V2621Black	V2621GW Black
VEXTA	GRAY	SATELLITE INTERNET	V621 Gray	V621GW Gray	V2621 Gray	V2621GW Gray
VEXTA	WHITE		V621 White	-	V2621 White	V2621GW White
VEXTA	ORANGE BURIAL		-	V621GWF	-	V2621GWF-.5RL
VEXTA	WHITE PLENUM		VP621	-	-	-

FLAT CABLE

MANUFACTURER	APPROVED USE	MFG ITEM NUMBER
HOLLAND	ALL VIDEO AND SATELLITE INTERNET	144823
TIMES FIBER	VIP AND EARLIER	TFC-144823

COMPRESSION CONNECTORS, RG6

MANUFACTURER	APPROVED USE	STANDARD RG6	UNIVERSAL	UNIVERSAL CONTINUITY	QUAD SHIELD	PLENUM
BELDEN / T&B		SNS1P6	SNSA6, SNSAC6	-	SNS61POS	SNS6PLA
CORNING GILBERT	ALL VIDEO AND	GF-UE6	GF-JR6	-	GF-UE-6Q	GF-JR-6PL
PCT	SATELLITE INTERNET	-	PCT-TRS-6, PCT-TRS-6L	-	-	-
PCP		CMP6	EX6XL	EX6XLPLUS	-	EX6XLP

CONNECTOR AND PORT SEALING MATERIALS

MANUFACTURER	APPROVED USE	SEALING TAPE
GB ELECTRICAL	HUGHES	HTP-1010
HARBOR PRODUCTS	SPACEWAY	USC01
MOCAP		IASFST

PASSIVE COMPONENTS

MANUFACTURER	APPROVED USE	F-81 BARREL SPLICE	GROUND BLOCK
ASKA		AF-81CB	GB-3UL, GB-5UL, GB-7UL
HOLLAND	ALL VIDEO AND	GF-81F	GRB-2DHR, GRB-2THR-UL
INTERCEPT	SATELLITE INTERNET	F-81BP	-
PPC		CF81GHZM	-
THOMAS & BETTS		KF81D, TBC-F81	-
ATRAS		-	GRB-2SG-UL, GRB-2X3UL
IDEAL	VIP AND EARLIER	SF81HP	-
STIRLING		SF81HF	SF81GB2HF

TERMINATORS

NOT A CONTROLLED ITEM. HOWEVER THE REQUIREMENT IS TO USE A 75 OHM TERMINATOR ON ALL HOPPER / JOEY SYSTEM NODE CLIENT OPEN PORTS AND ON ALL OPEN SPLITTER PORTS

WALL PLATES / W/F-CONNECTORS

NOT A CONTROLLED ITEM. HOWEVER THE REQUIREMENT IS F-81 USED IN ANY WALL PLATE MUST BE AN ETC APPROVED F-81

SPLITTERS

MANUFACTURER	APPROVED USE	2-WAY	3-WAY	4-WAY	8-WAY
ANTRONIX		CMC2002H-A	CMC2003H-A	-	-
ASKA		ASP-21	ASP-31	-	-
ATRAS		AHFS-2DS	AHFS-3DS	AHFS-4DS	-
COMMSCOPE	JOEY & TV2	SV2G	SV3G	-	-
EXTREME BROADBAND - TFC		BDS102H	BDS103H	-	-
HOLLAND		HFS2, HFS-2D, GHS-2	HFS-3D, GHS-3	HFS-4D	-
INTERCEPT		SS1P1002H	SS1P1003V	SS1P1004H	-
PCT		PCTNGN2M2S	PCTNGN2M3S	-	-
JYE DYI	TV2	-	-	-	HRVS-8

COMPONENTS, DIPLEXERS & AMPLIFIERS

MANUFACTURER	APPROVED USE	DIPLEXER	AMPLIFIER
ASKA		SCS-2A	-
HOLLAND	VIP AND EARLIER	STVC, DPD2	-
SONORA		-	134904, 134905, 134906

ALASKA, HAWAII AND PUERTO RICO REFLECTORS

MANUFACTURER	APPROVED USE	0.60m / 24"	0.76m	1.0m	1.2m	1.8m
CHANNEL MASTER		-	-	-	CM100	CM120
ECHOSTAR		116357	170333	-	-	-
PRODELIN	AK/ HI/ PR	-	-	-	-	0800-3264
SKYWARE GLOBAL		-	-	-	-	TYPE 120
WINEGARD		DS4060	DS-0005, DS-0015, DS-0076, DS-0080, DS-0081, DS-0084, DS-0085	-	-	TYPE 180
				DS-3100	-	-

DISH MOUNTS

MANUFACTURER	ANGLED FASCIA	CLAMP	EAVE	FASCIA / GABLE	UNIVERSAL NONPEN	PATIO NONPEN	DISHNET NONPEN	QUICK PIPE	RAILING	SOFFIT	STRUT KIT	UNDER EAVE	WALL
CUSTOM TOOL SUPPLY	-	-	-	-	-	-	-	7CT-POLEADPT	-	-	-	-	-
DISH MOUNT	AF-600.4	-	-	FM-400.4	-	-	-	-	-	SM-100	-	-	WM-200
EAGLE PRO	-	-	-	-	A003-100	177407, 198153	128550	-	198158	-	A002-238A	-	-
GINCO	-	-	EMB3	-	-	-	-	-	-	-	-	-	-
INFINITE INNOVATIONS	-	-	-	-	-	-	-	-	RM3810, RM5200	-	-	-	-
M&M ELECTRONICS	-	-	-	-	-	-	-	-	-	-	-	EMV4	-
FABRICATION	-	-	-	-	-	-	-	-	-	-	-	FU-UEM-1.2	-
IDEAL WIRELESS	-	-	-	-	-	-	-	-	-	-	-	UEM1000	-
RSTC Enterprises	-	-	-	-	-	-	-	-	-	-	-	-	-
STEREN	-	221-360	-	221-355	-	-	-	-	-	-	-	-	-
WINEGARD	-	-	-	-	NP6000M	-	-	-	-	-	-	-	-

POLES & ADAPTERS

MANUFACTURER	DISHNET POLE	VIASAT POLE	DISHNET POLE ADAPTER
ALLIED TUBE	82-2144	81-6464	-
ECHOSTAR	-	-	197982

MOUNTING HARDWARE, DISH

MANUFACTURER	LAG SCREW, 1.5"	LAG SCREW, 2"	LAG SCREW, 3"	LAG SHIELD, 1/2", 1 3/4" LONG,
ALLIED BOLT	4701	7680	7681	1415
CUSTOM TOOL SUPPLY	516LB1.5G5E	516LB2G5E	516LB3G5E	7CT-LS
DISH MOUNT	-	-	LS300	280AL515
SENIOR INDUSTRIES	SI-6039	SI-6040	SI-6041	SI-LS-516
TIMBERLINE	ECH-0011	ECH-0021	ECH-0031	ECH-0061
TOP SEAT	-	-	-	1 3/4" x 5/16" Lag Shield

GROUND SCREW

NOT A CONTROLLED ITEM. HOWEVER THE MINIMUM REQUIREMENT IS TO USE A GREEN GROUND SCREW TO GROUND ALL ODU MAST FOOT ASSEMBLIES

GROUND LUG

MANUFACTURER	DUAL GROUND LUG
BELDEN / T&B	ADR2S
ELECTRIC MOTION CO.	EM2511
SENIOR INDUSTRIES	SI-GL1-20

SPLIT BOLTS & GROUND CONNECTOR

MANUFACTURER	SPLIT BOLT 8	SPLIT BOLT 6- SOLID 8-STRANDED	SPLIT BOLT 4 SOLID 8 STRANDED	SPLIT BOLT 2	GROUNDING, SPLIT BOLT 2 ALUMINUM (UL)	GROUND CONNECTOR, COPPER
ALLIED BOLT	-	854	853	852	-	-
ASKA	SB-8U	-	SB-4U	-	-	-
BELDEN / T&B	8H	6H	4H	2H, DS2	2HPS	SC42-1
BURNDY	KS15	KS17	KS20	-	-	-
SENIOR INDUSTRIES	SI-2008	SI-2006	SI-2004	-	-	-
TELECRAFTER	-	-	4SB4	-	-	-

METER CLAMPS

MANUFACTURER	METER CORNER, UL	METER LONG (UL)	METER SHORT (UL)	METER SHORT (UL)	METER FLAT PANEL UL
ALLIED BOLT	856	3306	3305	3305	-
BELDEN / T&B	SC51-1	40-20001	40-20000	40-20000	SC51-CF
SENIOR INDUSTRIES	SI-2168C	-	-	-	SI-2163

PIPE & I-BEAM CLAMPS

MANUFACTURER	WATER PIPE ALUMINUM 1/2 TO 1 INCH (UL)	WATER PIPE BRONZE 1/2 TO 1 INCH (UL)	WATER PIPE BRONZE 1 1/4 TO 2 INCH (UL)	GROUND ROD 5/8" (UL)	"I" BEAM, UL
ALLIED BOLT	967	965	966	2142	-
BELDEN / T&B	-	J	-	G5	SC07GG
BURNDY	-	-	-	GRL5	-
SENIOR INDUSTRIES	-	SI-5948	SI-5947	SI-0038C	-

GROUND STRAPS

MANUFACTURER	6" COPPER (UL)	9" COPPER (UL)	12" COPPER (UL)	9" GALVANIZED (UL)	12" GALVANIZED (UL)
ALLIED BOLT	6AB	9AB	12AB	9GAB	12GAB
BELDEN / T&B	SC13B-1	SC13B-2	SC13B-3	SC13BZ-2	SC13BZ-3
SENIOR INDUSTRIES	SI-0954-6, SI-0958-6	SI-0954-9, SI-0958-9	SI-0954-12, SI-0958-12	SI-0954G-9, SI-0958G-9	SI-0954G-12, SI-0958G-12

TERMINATORS

NOT A CONTROLLED ITEM. HOWEVER THE REQUIREMENT IS TO USE A 75 OHM TERMINATOR ON ALL HOPPER / JOEY SYSTEM NODE CLIENT OPEN PORTS AND ON ALL OPEN HOPPER / JOEY SPLITTER PORTS

WALL PLATES W/F-81 BARREL CONNECTORS

NOT A CONTROLLED ITEM. HOWEVER THE REQUIREMENT IS F-81 USED IN ANY WALL PLATE MUST BE AN ETC APPROVED F-81 BARREL CONNECTOR

ALASKA, HAWAII AND PUERTO RICO REFLECTOR:

DESCRIPTION	TYPE	KIND	DISH PN REFERENCE	APPROVED USE	MANUFACTURER						
					CHANNEL MASTER	ECHOSTAR	PRODELIN	SKYWARE GLOBAL	WINEGARD		
REFLECTOR ASSEMBLY	DISH	0.60m / 24"	116357	-	-	116357	-	-	-	DS4060	
		0.76m	170333	-	-	170333	-	-	-	DS-0005, DS-0015, DS-0076, DS-0080, DS-0081, DS-0084, DS-0085	
		1.0m	-	AK / HI / PR	CM100	-	-	-	-	-	-
		1.2m	-	-	CM120	-	-	0800-3264	Type 120	-	-
		1.8m	-	-	-	-	-	-	Type 180	-	-

DISH MOUNTS

DESCRIPTION	TYPE	KIND	DISH PN REFERENCE	CUSTOM TOOL SUPPLY	DISH MOUNT PRODUCTS	MANUFACTURER								
						EAGLE PRO	GINCO	INFINITE INNOVATIONS	M&M ELECTRONICS	FABRICATION UNLIMITED	IDEAL WIRELESS	STEREN	WINEGARD	
ADAPTER	QUICK PIPE	1.66" OD	156195	7CT-POLEADPT	-	-	-	-	-	-	-	-	-	
DISH MOUNT	FASCIA / GABLE	ANGLED TO 1K.4 VERTICAL TO 1K.4	185781 185811	-	AF-600.4 FM-400.4	-	-	-	-	-	-	-	221-355	
	NON PEN	WELDED ASSY TO 1K.4 PATIO, 48" MAST	187813 177407	-	-	-	-	-	-	-	-	-	-	NP6000M
		WELDED PATIO TO 1K.4	177407	-	-	177407	-	-	-	-	-	-	-	-
		SD TYPE 1	128550	-	-	A003-200	-	-	-	-	-	-	-	-
		SD TYPE 2	128536	-	-	A003-238	-	-	-	-	-	-	-	-
		UNIVERSAL	129132	-	-	A003-100	-	-	-	-	-	-	-	-
	DISHNET - ALL	128550	-	-	128550	-	-	-	-	-	-	-	-	
	RAILING	PLATE ASSY U-CHANNEL	171064 198158	-	-	-	-	198158	-	RM3810 RM5200	-	-	-	-
	ROOF	VERSATILE, CONCRETE D300/500/1000	132697	-	-	-	-	-	VM2000	-	-	-	-	-
	SOFFIT	KIT	116735	-	-	SM-100	-	-	-	-	-	-	-	-
UNDER EAVE	UP TO 1K.4	181760	-	-	-	-	-	-	EMV4	-	-	-	-	
	UP TO 1K.2	168996	-	-	-	-	-	-	-	FU-UEM-1.2	-	-	-	
	UP TO 1K.2	171238	-	-	-	-	-	-	-	-	UEM1000	-	-	
CLAMP	UP TO 1K.4	189320	-	-	-	-	-	-	-	-	-	221-360		
WALL	KIT	116563	-	-	WM-200	-	-	-	-	-	-	-		
BRACKET	EAVE MOUNT	EMB3	TBD	-	-	-	-	EMB3	-	-	-	-	-	
STRUT	MOUNT KIT	SUPERDISH	126806	-	-	-	-	A002-238A	-	-	-	-	-	

POLES & ADAPTERS

DESCRIPTION	TYPE	KIND	DISH PN REFERENCE	ALLIED TUBE AND CONDUIT		ECHOSTAR
				ALLIED TUBE AND CONDUIT	ECHOSTAR	
POLE MOUNT	DISHNET - ALL	2 3/8" 9GA 96" LONG	198051	82-2144	-	-
	VIASAT ODU	2" 9GA 96" LONG	149549	81-6464	-	-
POLE ADAPTER	DISHNET - ALL	2 3/8" TO 2"	197982	-	-	197982

DISH MOUNTING HARDWARE

DESCRIPTION	TYPE	KIND	DISH PN REFERENCE	ALLIED BOLT	CUSTOM TOOL SUPPLY	MANUFACTURER			
						DISH MOUNT PRODUCTS	SENIOR INDUSTRIES	TIMBERLINE	TOP SEAT
LAG SCREW, 5/16"	1/2" WASHER HEAD, FULL THREAD, GRADE 5	1.5"	126398	4701	516LB1.5G5E	-	SI-6039	ECH-0011	-
		2"	126397	7680	516LB2G5E	-	SI-6040	ECH-0021	-
		3"	126396	7681	516LB3G5E	LS300	SI-6041	ECH-0031	-
LAG SHIELD	1/2", 1 3/4" LONG, FOR 5/16" LAGS	1 3/4"	127073	1415	7CT-LS	280AL515	SI-LS-516	ECH-0061	1 3/4" x 5/16" Lag Shield

GROUND SCREW

NOT A CONTROLLED ITEM. HOWEVER THE MINIMUM REQUIREMENT IS TO USE A GREEN GROUND SCREW TO GROUND ALL ODU MAST FOOT ASSEMBLIES

GROUNDING AND BONDING ATTACHMENTS

DESCRIPTION	TYPE	KIND	DISH PN REFERENCE	ALLIED BOLT	ASKA	BELDEN	BELDEN	BURNDY	ELECTRIC MOTION	MANUFACTURER		
										SENIOR INDUSTRIES	SENIOR INDUSTRIES	TELECRAFTER PRODUCTS
GROUND LUG (UL)	GROUND	DUAL	146079	-	-	ADR2S	-	-	EM2511	SI-GL1-20	-	-
			"I" BEAM	123477737-AA	-	-	SC07GG	-	-	-	-	-
BONDING CLAMP(UL)	METER	CORNER FLAT PANEL LONG SHORT	123477736-AA	856	-	SC51-1	-	-	-	SI-2168C	-	-
			123477739-AA	-	-	SC51-CF	-	-	-	SI-2163	-	-
			149429	3306	-	40-20001	-	-	-	-	-	-
			149507	3305	-	40-20000	-	-	-	-	-	-
			123477821-AA	967	-	-	-	-	-	-	-	-
GROUNDING CLAMP (UL) GROUND CONNECTOR	GROUND ROD	5/8" COPPER	113697	2142	-	G5	-	GRL5	-	-	SI-0038C	-
			123477738-AA	966	-	SC42-1	-	-	-	-	-	-
SPLIT BOLT, CONNECTOR, GROUNDING (UL)	COPPER / BRONZE	#2	149327	852	-	2H	DS2	-	-	-	-	-
			149611	853	-	SB-4U	-	KS20	-	SI-2004	-	4SB4
			106060	854	-	-	6H	KS17	-	SI-2006	-	-
			123477785-AA	-	-	SB-8U	8H	KS15	-	SI-2008	-	-
BONDING STRAP (UL)	ALUMINUM	#2	154081	-	-	2HPS	-	-	-	-	-	-
			113695	6AB	-	SC13B-1	-	-	-	SI-0954-6	SI-0958-6	-
			113696	9AB	-	SC13B-2	-	-	-	SI-0954-9	SI-0958-9	-
			113708	12AB	-	SC13B-3	-	-	-	SI-0954-12	SI-0958-12	-
			113691	9GAB	-	SC13BZ-2	-	-	-	SI-0954G-9	SI-0958G-9	-
	GALVANIZED	12"	113694	12GAB	-	SC13BZ-3	-	-	SI-0954G-12	SI-0958G-12	-	