



REVISIONS			
REV	DESCRIPTION	DATE	APPV
A	PRODUCTION RELEASE	JHAGER 9/16/22	

- NOTES: (UNLESS OTHERWISE SPECIFIED)
- ALL DIMENSIONS ARE IN MILLIMETERS [IN].
 - DIMENSIONS APPLY AFTER FINISHING.
 - MANUFACTURE TO BE COMPLIANT WITH EU RoHS DIRECTIVE,USE MATERIALS THAT DO NOT CONTAIN REACH SUBSTANCES OF VERY HIGH CONCERN >1000ppm, AND USE DRC CONFLICT-FREE SOURCED MATERIALS.
 - MECHANICAL:
 - OPERATING TEMPERATURE: -30°C - +85°C
 - STORAGE TEMPERATURE: ~RH 50% @ 21°C TO ACHIEVE FULL PROPERTIES.
 - BEND RADIUS: 2mm [.078"] MAX.
 - THICKNESS NTE .3mm
 - ADHESIVE 3M467 MP ACRYLIC BACKING SPLIT DOWN CENTER FOR EASY REMOVAL.
 - ELECTRICAL PROPERTIES SHOWN FOR INFORMATION ONLY. SEE LINX DATA SHEET FOR COMPLETE ELECTRICAL SPECIFICATIONS.
 - IMPEDANCE: 50Ω
 - FREQUENCY: 617MHz - 960MHz [VSWR 3.0 MAX]
 - FREQUENCY: 1427MHz - 5000MHz [VSWR 2.1 MAX]
 - MAX POWER: 5W
 - TYPE: DIPOLE, LINEAR, OMNI-DIRECTIONAL.
 - ANTENNA QUALIFIED IAW LINX INTRNL TEST PLAN AT LATEST REVISION.
 - PACKAGE ANTENNA INDIVIDUALLY AND LABEL BOX AND/OR LOT BAG IAW LINX SUPPLIED LABEL DRAWING.
 - CONSTRUCTION:STRIP CABLE ASSEMBLY AND PERMINANTLY ATTACH TO ANTENNA AS SHOWN USING SOLDER IAW IPC J-STD-001 METHOD.TO ACHIEVE CONNECTOR ORIENTATION.
 - ANTENNA ASSEMBLY APPLICATION OF 3M MP467 ADHESIVE TO SURFACE:
 - CLEAN SURFACES AND ENSURE NO LARGE SURFACE GAPS ARE PRESENT.
 - REMOVE BACKING AND APPLY ADHESIVE USING EVEN PRESSURE.
 - APPLY TO SURFACE BETWEEN 21°C AND 38°C [70°F AND 100°F]

ITEM NUMBER	CABLE LENGTH (mm) ± 2.0mm	CABLE PART NUMBER	CABLE MIN. BEND RADIUS
ANT-5GW-FPC-V50UF	50	CSI-UFFR-65-STCT	4.5
ANT-5GW-FPC-V100UF	100	CSI-UFFR-115-STCT	4.5
ANT-5GW-FPC-V150UF	150	CSI-UFFR-165-STCT	4.5
ANT-5GW-FPC-V200UF	200	CSI-UFFR-215-STCT	4.5
ANT-5GW-FPC-V50M4	50	CSI-MHF4-65-STCT	4.5
ANT-5GW-FPC-V100M4	100	CSI-MHF4-115-STCT	4.5
ANT-5GW-FPC-V150M4	150	CSI-MHF4-165-STCT	4.5
ANT-5GW-FPC-V200M4	200	CSI-MHF4-215-STCT	4.5

ITEM	U/M	QTY.	PART NUMBER	DESCRIPTION
1	EA	1	PCB-ANT-5GW-FPC-V	ANTENNA, 5GW, FPC, 22X120, ADH BACK
2	EA	1	CSI-[SEE TABLE]-STCT	CABLE, COAX, 1.13mm,[SEE TABLE], CUT
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MATERIAL: BRASS LCP		INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5. .X ±2.0 .XX ±1.00 .XXX ±.500		PROJECTION: 
WEIGHT:		ANGLES: ±1° SURFACE: √ ³²		
FINISH: GOLD		DRAWN: JHAGER ENGR: DASARATHAN		DT: 1/24/22 DT: 1/22/22
		TITLE: ANTENNA 5GW TYPE FPC 20X120 ADH BACK		
		SIZE B		DWG. NO. C-ANT-5GW-FPC-VXXXXX
				REV A
		SCALE: 1.5:1		DO NOT SCALE DRAWING
				SHEET 1 OF 1