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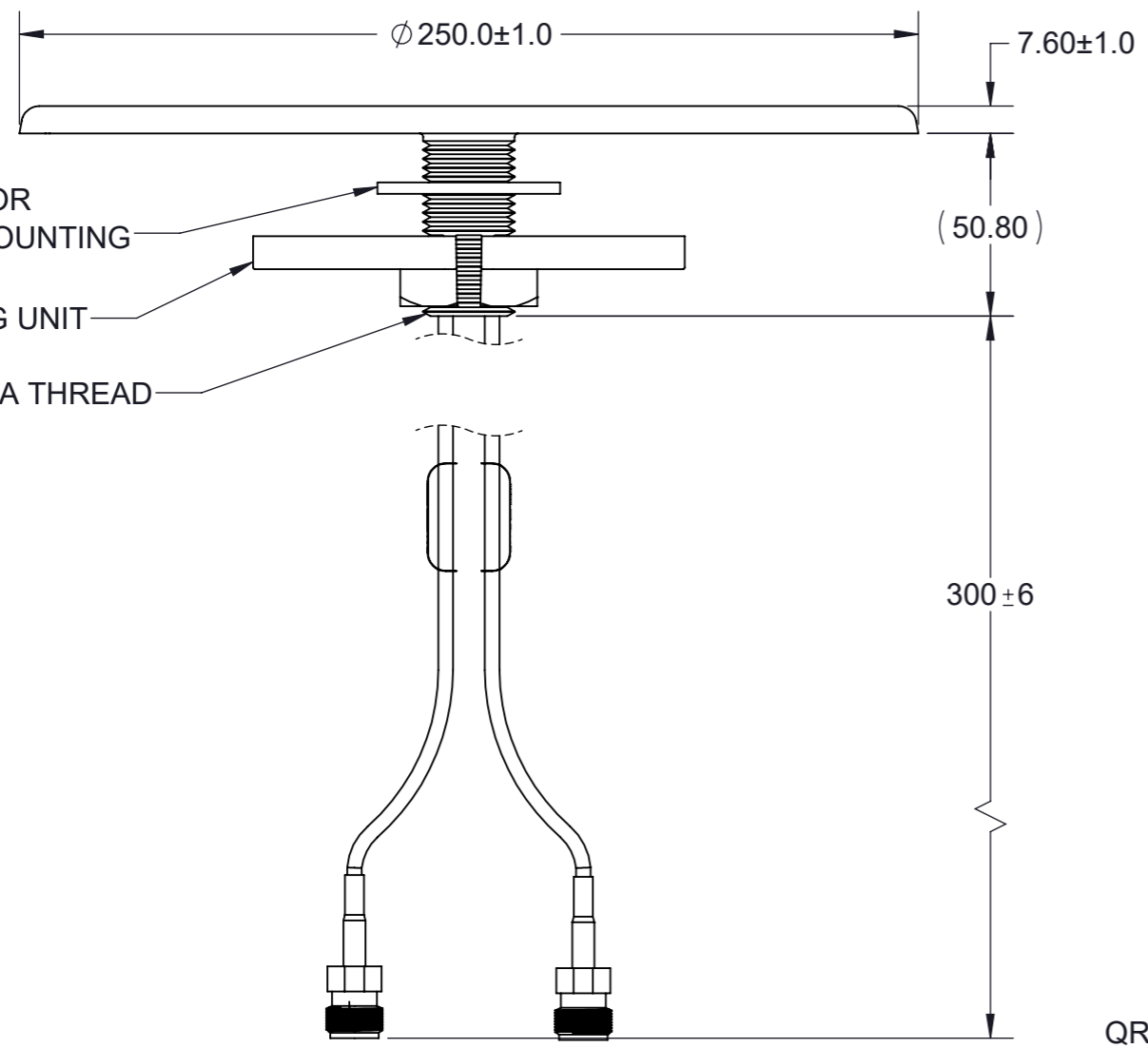
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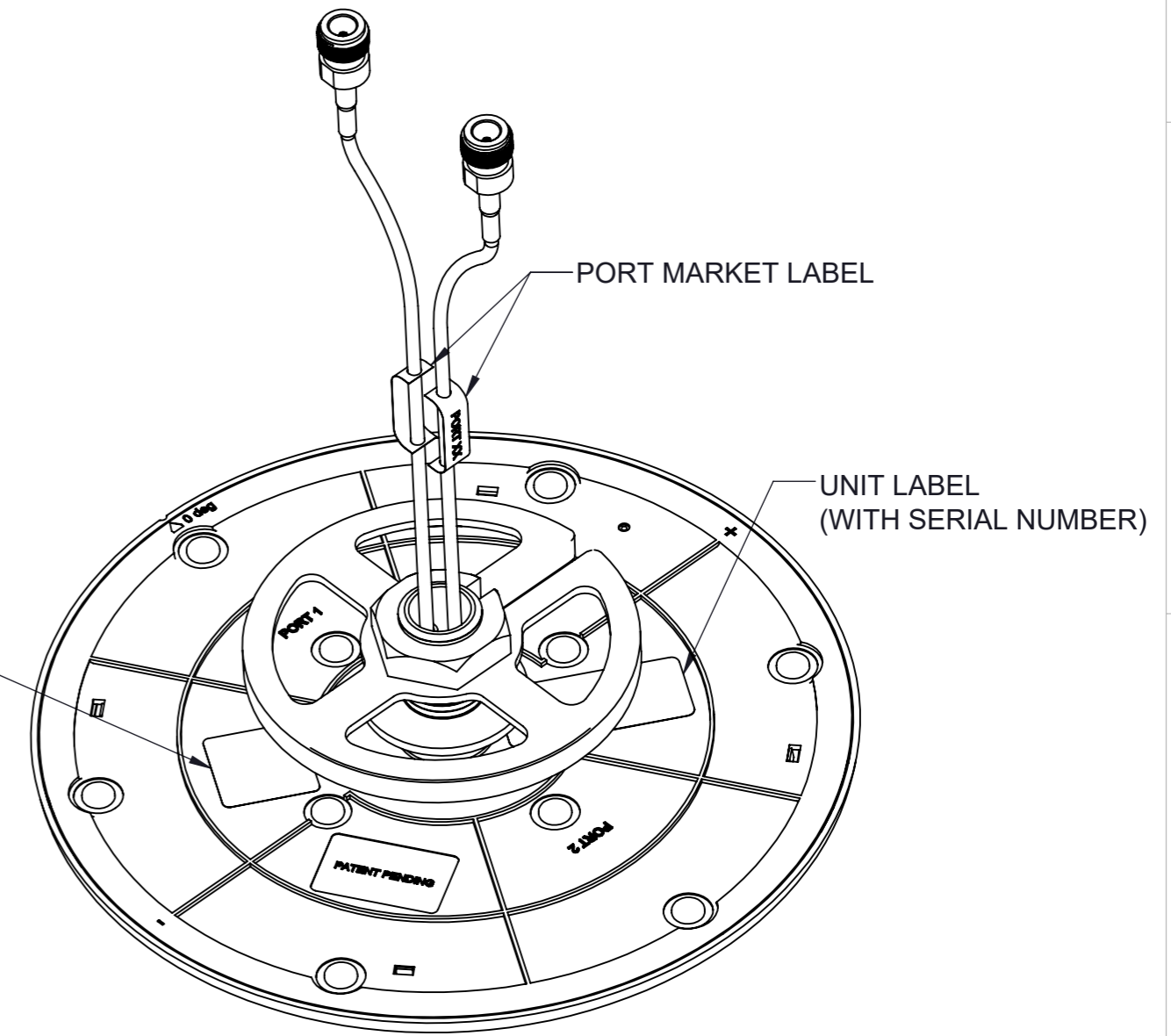
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REVISIONS					
REV.	ECO#	ZONE	DESCRIPTION	CHANGED BY/DATE	APPROVED BY/DATE
F01	ECO-21-00447		INITIAL RELEASE	DARON 02JUN21	WT NG 02JUN21
F02	ECO-21-00507		UPDATE RF TABLE	DARON 27AUG21	WT NG 27AUG21



PARAMETER	SPECIFICATION													
Model Name	CFD69716P/ CFD69716P1													
Number of Ports	2													
Operating Frequency (MHz)	698-824	824-894	880-960	1350-1550	1690-1880	1850-1990	1910-2180	2300-2700	3300-3800	3800-4200	5150-5925	5925-7125		
Peak Gain - Average (dBi)	2.8	2.4	2.3	4.0	3.1	3.0	4.5	4.6	5.1	4.9	4.7	4.6		
Peak Gain (dBi)	3.3	2.8	2.7	4.3	3.4	3.8	5.7	5.4	5.5	5.3	5.6	5.4		
VSWR - Max	1.7:1												2.3:1	
VSWR - Average	1.5		1.2		1.5			1.6		1.4			1.7	
*PIM, 3rd Order, 2 x 20W (Max), dBc	-150		-		-			-150		-			-	
*PIM, 3rd Order, 2 x 20W (Average), dBc	-160		-		-			-162		-			-	
Isolation - Max (dB)	15		14		15			25		34			38	
Isolation - Average (dB)	21		16		20			34		38				
Nominal Impedance, Ω	50													
Polarization	Linear - Horizontal													
Azimuth Beam Width, °	360, Omnidirectional													
Max Power (Ambient 25°C/77°F), Watt	50W(698-4200MHz)/ 10W (5150-7125MHz)													
Cable Length, cm/Connector	Standard 30 cm cable length, available connector Type N (female) and 4.3-10 (female)													
Antenna Dimension (Ht x Dia), mm	7.6 x 250													
Weight (Approximation), g	420													
Antenna Color	White													
Radome	PC, UL94-V0													
Operating Temperature, °C	-30 to +70													
Storage Temperature, °C	-40 to +85													
RoHS Compliance	YES													

* Note: PIM test frequencies: 700MHz, 1920MHz, 2600MHz and 3500MHz

The component(s), including any plating, finishes, coatings, chemicals and surfaces treatments, supplied in this document/drawing must conform and comply with Directive 2011/65/EU (RoHS Directive), and as amended by Directive (EU) 2015/863. The component(s) in this document/drawing may be subject to a full compound analysis for proof of compliance.

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MATERIAL:		THIRD ANGLE PROJECTION				 PENANG, MALAYSIA		
FINISH:		DO NOT SCALE DRAWING						
APPROVALS		DATE		INTERPRET DIMENSIONING AND TOLERANCING IN ACCORDANCE WITH ASME Y14.5M-2009 TOLERANCES UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS ANGLE: $\pm 30'$ 0 PLACE DECIMAL: ± 0.5 1 PLACE DECIMAL: ± 0.25 2 PLACE DECIMAL: ± 0.13 SURFACE ROUGHNESS $1.6/\sqrt{\quad}$		TITLE:		
DRAWN BY	DARON LEE	02JUN21				CFD69716P MOUNTING & OUTLINE		
ELEC. ENG.	TING HEE LEE	02JUN21						
MECH. ENG.	WT NG	02JUN21				SIZE	DWG. NO.	REV
MFG./OPS.	ALEX KHOR	02JUN21				A3	CFD69716PX-30XXXXMO	F02
				SCALE: 1:5	PREVIOUS#	SHEET 1 OF 3		

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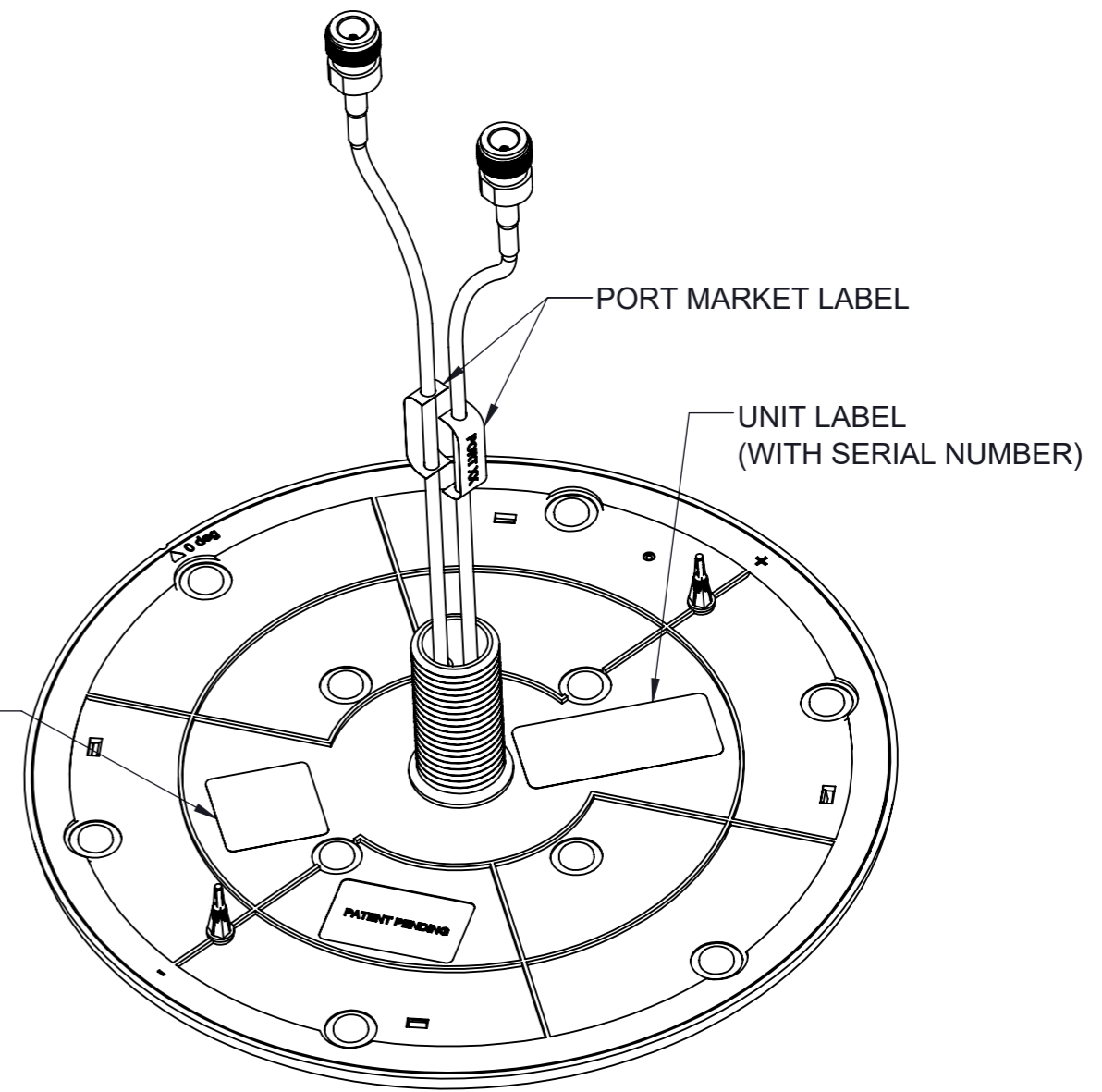
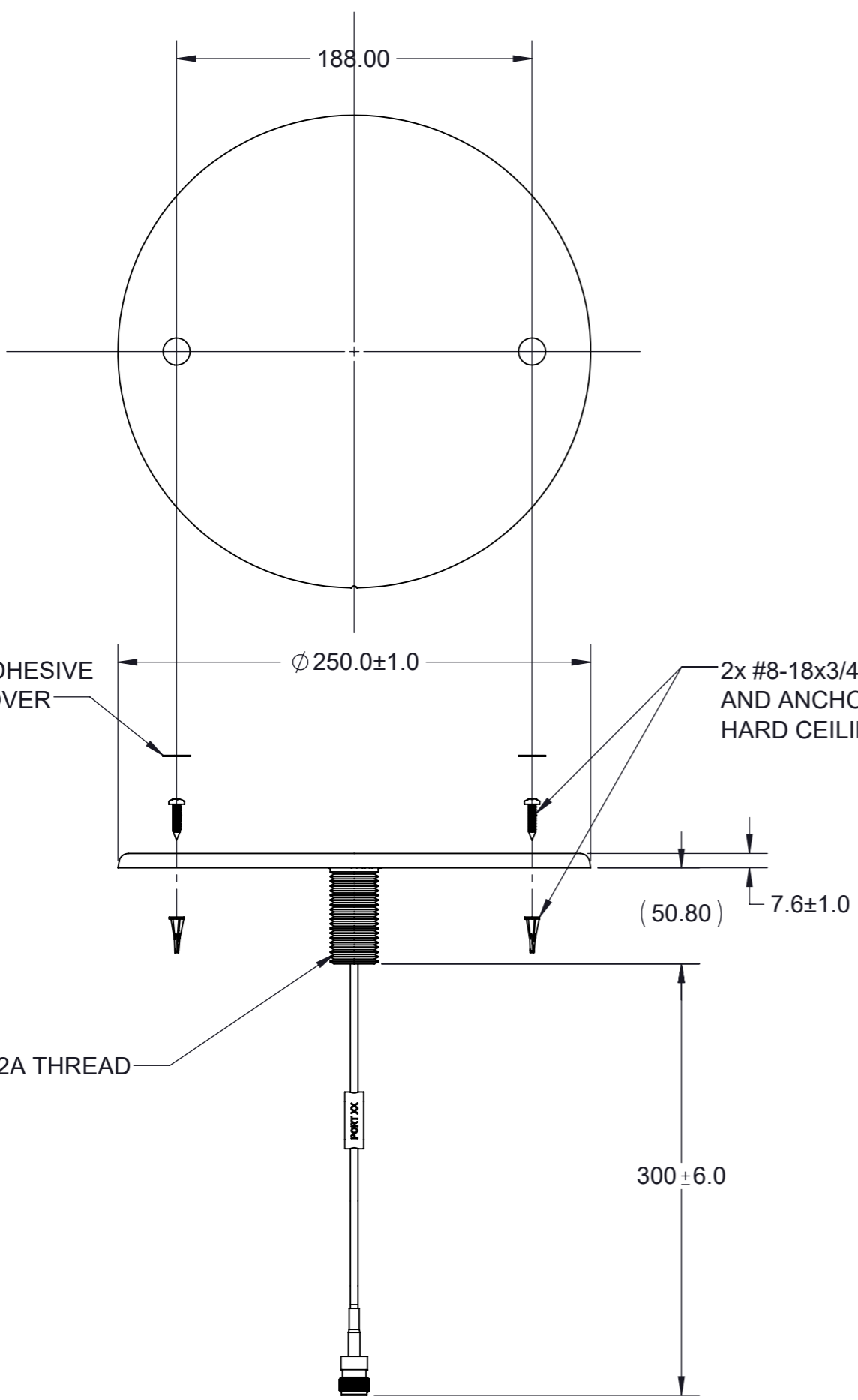
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Laird™ CONNECTIVITY
PENANG, MALAYSIA

SIZE	DWG. NO.	REV
A3	CFD69716PX-30XXXXMO	F01
SCALE: 1:5	PREVIOUS#	SHEET 2 OF 3

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PART NUMBER	CABLE LENGTH	CONNECTOR	MOUNTING	PACKAING
CFD69716P1-30D43F	30 cm (12")	4.3-10 FEMALE	HARD CEILING	UNIT
CFD69716P1-30NF	30 cm (12")	N TYPE - FEMALE	HARD CEILING	UNIT
CFD69716P1-B30D43F	30 cm (12")	4.3-10 FEMALE	HARD CEILING	BULK
CFD69716P1-B30NF	30 cm (12")	N TYPE - FEMALE	HARD CEILING	BULK
CFD69716P-30D43F	30 cm (12")	4.3-10 FEMALE	CEILING TILE	UNIT
CFD69716P-30NF	30 cm (12")	N TYPE - FEMALE	CEILING TILE	UNIT
CFD69716P-B30D43F	30 cm (12")	4.3-10 FEMALE	CEILING TILE	BULK
CFD69716P-B30NF	30 cm (12")	N TYPE - FEMALE	CEILING TILE	BULK

Laird[™] CONNECTIVITY

PENANG, MALAYSIA

SIZE

DWG. NO.

REV

A3 CFD69716PX-30XXXMO F02

SCALE: 1:5

PREVIOUS#

SHEET 3 OF 3