



**1. LEMO Connector 8 Pin P/N: FGG.1K.308.CLAC60Z**

Pins	Colour	Function
1	Black	Power Ground
2	Red	Power Supply
3	Grey with Black Stripe	1PPS
4	White with Green Stripe	Ethernet T_P
5	Green	Ethernet T_N
6	White with Orange Stripe	Ethernet R_P
7	Orange	Ethernet R_N
8	Grey	GPIO Ground
Shield	-	Cable Braided Shield

**Assembly Notes:**

- A. Cable Specifications
  - 8 x 24 AWG conductors with FEP insulation
  - 38 AWG cable shield
  - Black TPE Max 5.5-6mm OD Jacket
- B. Given cable dimensions  $\pm 10$  mm
- C. Assembly Weight: 190g
- D. Temp Rating -40 to 85 C
- E. Minimum Bend Radius: 50 mm

No.	Description
1	Single Alignment Key 8 pin LEMO Connector P/N: FGG.1K.308.CLAC60Z
2	8 Core Cable

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS		NAME	DATE
TOLERANCES: DECIMALS: .XX $\pm$ .010 .XXX $\pm$ .005 ANGULAR: $\pm$ 1		DRAWN	AH 05/12/19
		CHECKED	DR 05/12/19
		RELEASED	CS 05/12/19

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SCALE: N/A  
WEIGHT: N/A  
SHEET 1 OF 1

COMMENTS:  
Do not scale drawing

<b>ADVANCED NAVIGATION PTY LTD</b>		
37 PITT ST SYDNEY NSW 2000		
TITLE: CERTUS 8-PIN UNTERMINATED CABLE		
PART NUMBER: LEMO-8-CABLE-UNT-XM		
SIZE A3	DWG. NO. CRTUS-CBLM-020-10	REV 1.0