



1. Lemo 16 Pin Connector P/N: FGG.1K.316.CLAC60Z

Pins	Colour	Function
1	Black	Power Ground
2	Red	Power Supply
3	Violet	Primary RS422 Tx(+) / RS232 Tx
4	Violet/Black Stripe	Primary RS422 Tx(-)
5	Yellow	Primary RS422 Rx(+) / RS232 Rx
6	Yellow/Black Stripe	Primary RS422 Rx(-)
7	Tan	CAN L
8	Tan/Black Stripe	CAN H
9	Blue	GPIO 1
10	Grey	GPIO Ground
11	Brown	GPIO 2
12	LT Blue	Secondary RS422 Tx(+) / RS232 Tx
13	LT Blue/Black Stripe	Secondary RS422 Tx(-)
14	LT Green	Secondary RS422 Rx(+) / RS232 Rx
15	LT Green/Black Stripe	Secondary RS422 Rx(-)
16	White	Serial Ground
Shield	-	Cable Braided Shield

Assembly Notes:

- A. Cable Specifications
 - 16 x 28 AWG conductors with FEP insulation
 - 38 AWG shield
 - Black TPE Max 5.5-6mm OD Jacket
- B. Given cable dimensions ± 10 mm
- C. Assembly Weight: 320g
- D. Temp Rating -40 to 85 C
- E. Minimum Bend Radius: 50 mm

No.	Description
1	Double Alignment Key 16 Pin LEMO Connector P/N: FGG.1K.316.CLAC60Z
2	16 Core Cable

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS		NAME	DATE	ADVANCED NAVIGATION PTY LTD 37 PITT ST SYDNEY NSW 2000	
TOLERANCES: DECIMALS: .XX \pm .010 .XXX \pm .005		DRAWN	AH		05/12/19
ANGULAR: ± 1		CHECKED	DR		05/12/19
		RELEASED	CS	05/12/19	
COMMENTS: Do not scale drawing				TITLE: CERTUS 16-PIN UNTERMINATED CABLE	
PART NUMBER: LEMO-16-CABLE-UNT-XM					
SIZE A3	DWG. NO. CRTUS-CBLS-040-01	REV 1.0			

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SCALE: N/A
WEIGHT: N/A
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