

Power Cable Pin-Outs



3-pin XLR Power Cable

24V			24V		
NC3FXX-B			NC3MXX-B		
Pin	Signal	Wiring	Pin	Signal	
1	GND	1-1 2-2	1	GND	
2	24V		2	24V	
3	-		3	-	

Part no. [T3D-C-XLR-24-P3](#); [T3D-C-XLR-24-P10](#)



4-pin XLR Power Cable

12V			12V		
NC4FXX-B			NC4MXX-B		
Pin	Signal	Wiring	Pin	Signal	
1	GND	1-1 4-4	1	GND	
2	-		2	-	
3	-		3	-	
4	12V		4	12V	

Part no. [T3D-C-XLR-12-P3](#); [T3D-C-XLR-12-P10](#)



RED One 12V XLR Power Cable

12V			Red One Power		
NC4MXX-B			FGG.2B.306.CLAD72Z		
Pin	Signal	Wiring	Pin	Signal	
1	GND	1-3 & 4 4-1 & 2	1	12V	
2	-		2	12V	
3	-		3	GND	
4	12V		4	GND	
			5	-	
			6	-	

Part no. [T3D-C-R1-XLR-P3](#)



ET Motor Control Box Power Cable

12V			MCB Power		
NC4MXX-B			FGG.1B.302.CLAD62Z		
Pin	Signal	Wiring	Pin	Signal	
1	GND	1-1 4-2	1	GND	
2	-		2	12V	
3	-				
4	12V				

Part no. [T3D-C-MCB-P2](#); [T3D-C-MCB-P8](#)



Power Cable Pin-Outs



ET Lens Control Box Power Cable- XLR

12V

ET 6-axis

NC4MXX-B			FHJ.1B.304.CLAD62Z	
Pin	Signal	Wiring	Pin	Signal
1	GND	1-1&2	1	GND
2	-	4-3&4	2	GND
3	-		3	12V
4	12V		4	12V

Part no. [T3D-C-LSCM-LC-PC2](#)



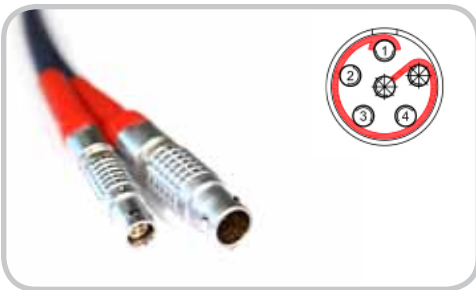
3-pin Split Motor Control Power Cable

12V

ET Rig

FFA.1S.303.CLAK72Z			FGG.1B.302.CLAD62Z	
Pin	Signal	Wiring	Pin	Signal
1	12V	1-2 2-1	1	GND
2	GND		2	12V
3	-			

Part no. [T3D-C-MCB-SG-P15I](#)



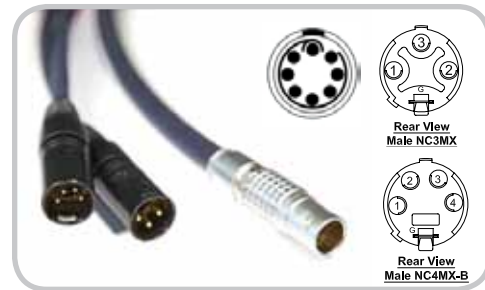
RED Epic 6-Pin to 6-Pin LEMO Power Cable

12V

EPIC PWR CONNECTOR

FGG.2B.306.CLAD72Z			-----	
Pin	Signal	Wiring	Pin	Signal
1	12V	1-1 2-2 3-4 4-5 5-3 6-6	1	12V
2	12V		2	12V
3	GND		3	-
4	GND		4	GND
5	-		5	GND
6	-		6	-

Part no. [T3D-C-RE6-P20i](#)



12/24V Split Power Cable

PDB 12V & 24V

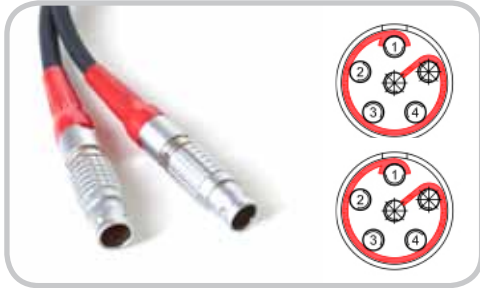
12V & 24V

FGJ.3B.308.CLLD12Z			NC3MXX & NC4MXX	
Pin	Signal	Wiring	Pin	Signal
1	GND - 12V	1,2 & 8 - 1NC4MX 5,6 & 7 - 4NC4MX 3 - 1NC3MX 3 - 2NC3MX	1-NC4MX	GND - 12V
2	GND - 12V		1-NC4MX	GND - 12V
3	GND - 24V		1-NC3MX	GND - 24V
4	24V		2-NC3MX	24V
5	12V		4-NC4MX	12V
6	12V		4-NC4MX	12V
7	12V		4-NC4MX	12V
8	GND - 12V		1-NC4MX	GND - 12V

Part no. [T3D-C-1224-P8](#)



Power Cable Pin-Outs



IDK RED One Power Cable, 20"

12V

RED ONE

FGG.2B.306.CLAD62Z			FGG.2B.306.CLAD62Z	
Pin	Signal	Wiring	Pin	Signal
1	12V	1-1 2-2 3-3 4-4 5-5 6-6	1	12V
2	12V		2	12V
3	GND		3	GND
4	GND		4	GND
5	SIGNAL		5	SIGNAL
6	SIGNAL		6	SIGNAL

Part no. [EL-C-BAPIDX-R1-20i](#)



IDK Elite RED One Power Cable, 20"

12V

RED ONE

FGG.2B.306.CLAD62Z			FGG.2B.306.CLAD62Z	
Pin	Signal	Wiring	Pin	Signal
1	12V	1-1 2-2 3-3 4-4 5-6 6-5	1	12V
2	12V		2	12V
3	GND		3	GND
4	GND		4	GND
5	SIGNAL		5	SIGNAL
6	SIGNAL		6	SIGNAL

Part no. [EL-C-BAPIDX-IE-20i](#)



Communication Cable Pin-Outs



ET 5-pin to BNC Timecode Cable

Timecode			Timecode	
FGG.0B.305.CLAD52Z			BNC	
Pin	Signal	Wiring	Pin	Signal
1	GND	1-Shield 2-Coax	COAX	Signal
2	Timecode In		SHIELD	GND
3	-			
4	-			
5	-			

Part no. [T3D-C-TC-5BNC-C20i](#)



ET 5-pin to 5-pin Timecode Cable

Timecode			Timecode	
FGG.0B.305.CLAD52Z			FGG.0B.305.CLAD52Z	
Pin	Signal	Wiring	Pin	Signal
1	GND	1-1 2-5 5-2	1	Signal
2	Timecode In		2	Timecode In
3	-		3	-
4	-		4	-
5	Timecode Out		5	Timecode Out

Part no. [T3D-C-TC-5-C3](#)



232 10-pin to DB9 Cross Serial Cable

232			232	
FGG.1B.310.CLAD72Z			DB9	
Pin	Signal	Wiring	Pin	Signal
1	-	2-2 3-3 10-5	1	-
2	Tx		2	Rx
3	Rx		3	Tx
4	-		4	-
5	-		5	GND
6	-		6	-
7	-		7	-
8	Jump 8&9		8	-
9	Jump 8&9		9	-
10	GND			-

Part no. [T3D-C-232-10DB9-C3](#); [T3D-C-232-10DB9-C10](#)



ET Hand Controller 4-pin to 4-pin Command Cable

CAN			CAN	
FGG.0B.304.CLAD52Z			FGG.0B.304.CLAD52Z	
Pin	Signal	Wiring	Pin	Signal
1	GND	1-1 2-2 3-3 4-4	1	GND
2	CANL		2	CANL
3	CANH		3	CANH
4	Vcc		4	Vcc

Part no. [T3D-C-THC-C5](#)
[T3D-C-THC-C50](#)
[T3D-C-THC-C100](#)
[T3D-C-THC-C200](#)
[T3D-C-THC-C300](#)
[T3D-C-THC-C500](#)
[T3D-C-THC-C1000](#)
[T3D-C-THC-C1250](#)
[T3D-C-THC-C1500](#)



Communication Cable Pin-Outs



ET 232 6-pin to 10-pin Serial Cable

232

232

FGG.0B.306.CLAD52Z			FGG.1B.310.CLAD52Z	
Pin	Signal	Wiring	Pin	Signal
1	GND	1-10 2-2 3-3	1	-
2	Rx		2	Tx
3	Tx		3	Rx
4	-		4	-
5	-		5	-
6	-		6	-
			7	-
			8	Jump 8&9
			9	Jump 8&9
			10	GND

Part no. [T3D-C-232-610-C18I](#); [T3D-C-232-610-C3](#)



ET 232 10-pin to 10-pin Command Cable

232

232

FHG.1B.310.CLAD62Z			FHG.1B.310.CLAD62Z	
Pin	Signal	Wiring	Pin	Signal
1	-	2-3 3-2 10-10	1	-
2	Tx		2	Tx
3	Rx		3	Rx
4	-		4	-
5	-		5	-
6	-		6	-
7	-		7	-
8	Jump 8&9		8	Jump 8&9
9	Jump 8&9		9	Jump 8&9
10	GND		10	GND

Part no. [T3D-C-232-10-C18I](#); [T3D-C-232-10-C3](#)



ET 232 6-pin to Tajimi Sony Command Cable

232

Sony MPE Crane

FGG.0B.306.CLAD52Z			Tajimi PRC07-P12M	
Pin	Signal	Wiring	Pin	Signal
1	GND	1-K	A	-
2	Rx	2-E	B	-
3	Tx	3-F	C	-
4	-		D	-
5	-		E	Tx
6	-		F	Rx
			G	-
			H	-
			I	-
			J	-
			K	GND
			L	-
			M	-

Part no. [T3D-C-232-6TJ-C5M](#); [T3D-C-232-6TJ-C10M](#)



ET 232 10-pin to Tajimi Sony Command Cable

232

Sony Crane/Trunk

FGG.1B.310.CLAD52Z			Tajimi PRC07-P12M	
Pin	Signal	Wiring	Pin	Signal
1	-	2-F 3-E 10-K	A	-
2	Tx		B	-
3	Rx		C	-
4	-		D	-
5	-		E	Tx
6	-		F	Rx
7	-		G	-
8	Jump 8 & 9		H	-
9	Jump 8 & 9		I	-
10	GND		J	-
			K	GND
			L	-
			M	-

Part no. [T3D-C-232-10TJ-C18I](#); [T3D-C-232-10TJ-C3](#)



Communication Cable Pin-Outs



ET 232 6-pin to DB9 Communication Cable

232			232	
FGG.0B.306.CLAD52Z			DB9	
Pin	Signal	Wiring	Pin	Signal
1	GND	1-5 2-3 3-2	1	-
2	Rx		2	Rx
3	Tx		3	Tx
4	-		4	-
5	-		5	GND
6	-		6	-
			7	-
			8	-
			9	-

Part no. [T3D-C-232-6DB9-C18i](#); [T3D-C-232-6DB9-C3](#)



ET 422 10-pin to Tajimi Sony Command Cable

422			Sony Crane/trunk	
FHG.1B.310.CLAD72Z			Tajimi PRC07-P12M	
Pin	Signal	Wiring	Pin	Signal
1	-	4-G 5-D 6-E 7-F 10-K	A	-
2	-		B	-
3	-		C	-
4	Tx+		D	Tx+
5	Rx+		E	Tx-
6	Rx-		F	Rx-
7	Tx-		G	Rx+
8	-		H	-
9	-		I	-
10	GND		J	-
			K	GND
			L	-
			M	-

Part no. [T3D-C-422-10TJ-C18i](#)



ET 422 10-pin to DB9 Command Cable

422			422	
FGG.1B.310.CLAD72Z			DB9	
Pin	Signal	Wiring	Pin	Signal
1	-	4-2 5-3 6-9 7-6 10-5	1	-
2	-		2	Rx+
3	-		3	Tx+
4	Tx+		4	-
5	Rx+		5	GND
6	Rx-		6	Rx-
7	Tx-		7	-
8	-		8	-
9	-		9	Tx-
10	GND			

Part no. [T3D-C-422-10DB9-C3](#)



ET 232 6-pin to 6-pin Command Cable

232			232	
FGG.0B.306.CLAD52Z			FGG.0B.306.CLAD52Z	
Pin	Signal	Wiring	Pin	Signal
1	GND	1-1 2-3 3-2	1	GND
2	Rx		2	Rx
3	Tx		3	Tx
4	-		4	-
5	-		5	-
6	-		6	-

Part no. [T3D-C-232-6-C18i](#); [T3D-C-232-6-C3](#)



Communication Cable Pin-Outs



ET 422 10-pin to 10-pin Command Cable

422

422

FHG.1B.310.CLAD72Z			FHG.1B.310.CLAD62Z		
Pin	Signal	Wiring	Pin	Signal	
1	-	4-5 5-4 6-7 7-6 10-10	1	-	
2	-		2	-	
3	-		3	-	
4	Tx+		4	Tx+	
5	Rx+		5	Rx+	
6	Rx-		6	Rx-	
7	Tx-		7	Tx-	
8	-		8	-	
9	-		9	-	
10	GND		10	GND	

Part no. [T3D-C-422-10-C3](#)



RED EPIC 232 4-pin to 10-pin Serial Cable

EPIC

232

FGG.00.304.CLAD35Z			FGG.1B.310.CLAD52Z		
Pin	Signal	Wiring	Pin	Signal	
1	GND	1-10 2-2 4-3	1	-	
2	Rx		2	Tx	
3	-		3	Rx	
4	Tx		4	-	
			5	-	
			6	-	
			7	-	
			8	Jump 8 & 9	
			9	Jump 8 & 9	
			10	GND	

Part no. [T3D-C-RE-232-410-C3](#)



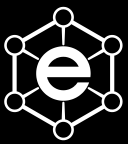
Balance Compensator 14-pin to 14-pin Motor Cable

422

422

FGG.1B.314.CLAD52Z			FGG.1B.314.CLAD52Z		
Pin	Signal	Wiring	Pin	Signal	
1	Vcc Enc	1-1 2-2 3-3 4-4 5-5 6-6 7-7 8-8 9-9 10-10 11-11 12-12	1	Vcc Enc	
2	GND Enc		2	GND Enc	
3	Enc A		3	Enc A	
4	Enc B		4	Enc B	
5	Hall 1		5	Hall 1	
6	Hall 2		6	Hall 2	
7	Hall 3		7	Hall 3	
8	Winding 3		8	Winding 3	
9	Winding 1+		9	Winding 1+	
10	Winding 2-		10	Winding 2-	
11	Vcc Hall		11	Vcc Hall	
12	GND Hall		12	GND Hall	
13	-		13	-	
14	-		14	-	

Part no. [T3D-C-BCM-14-C10I](#)



Lens Cable Pin-Outs



Canon ENG Lens Cable



Fujinon ENG Lens Cable

Canon

ET 232

Hirose HR25A-9P-20P			FGG.1B.310.CLAD72Z	
Pin	Signal	Wiring	Pin	Signal
1	-	15-4	1	-
2	-	16-7	2	-
3	-	17-5	3	-
4	-	18-6	4	Tx+
5	-	19 & 20-10	5	Rx+
6	-		6	Rx-
7	-		7	Tx-
8	-		8	-
9	-		9	-
10	-		10	GND
11	-			
12	-			
13	-			
14	-			
15	Rx+			
16	Rx-			
17	Tx+			
18	Tx-			
19	GND			
20	GND			

Part no. [T3D-C-ENG-CA-LC2010-C50](#)

Fujinon

ET 232

Hirose HR25A-9P-20P			FHG.1B.310.CLAD72Z	
Pin	Signal	Wiring	Pin	Signal
1	-	2-10	1	-
2	GND	3-3	2	Tx
3	Tx	7-2	3	Rx
4	Jump 4 & 6		4	-
5	-		5	-
6	Jump 4 & 6		6	-
7	Rx		7	-
8	-		8	Jump 8 & 9
9	-		9	Jump 8 & 9
10	-		10	GND
11	-			
12	-			
13	-			
14	-			
15	-			
16	-			
17	-			
18	-			
19	-			
20	-			

Part no. [T3D-C-ENG-FU-LC2010-C2](#)



Lens Cable Pin-Outs



Angeniux ENG Lens Cable



Technica 3D Hedén Motor Cable

Angeniux			ET 232	
Hirose HR25A-9P-20P			FGG.1B.310.CLAD72Z	
Pin	Signal	Wiring	Pin	Signal
1	-	12-3 13-2 14-10	1	-
2	-		2	Tx
3	-		3	Rx
4	-		4	-
5	-		5	-
6	-		6	-
7	-		7	-
8	-		8	Jump 8 & 9
9	-		9	Jump 8 & 9
10	-		10	GND
11	-			
12	Tx			
13	Rx			
14	GND			
15	-			
16	-			
17	-			
18	-			
19	-			
20	-			

Part no. [T3D-C-ENG-AN-LC2010-C2](#)

3rd Party Motors			ET 3/6-axis Box	
FGG.1B.307.CLAD62Z			FGG.1B.314.CLAD62Z	
Pin	Signal	Wiring	Pin	Signal
1	Motor (+)	1-1 2-2 3-3 4-4 5-5 6-6 7-7	1	Motor (+)
2	Motor (-)		2	Motor (-)
3	Encoder A		3	Encoder A
4	+5V		4	+5V
5	GND		5	GND
6	Encoder B		6	Encoder B
7	Motor ID		7	Motor ID
			8	-
			9	-
			10	-
			11	-
			12	-
			13	-
			14	-

Part no. [T3D-C-HED-M-PC2](#)



Fujinon Old-Style lens cable

Fujinon

ET232

Hirose HR10A-10P-10P			FHG.1B.310.CLAD72Z	
Pin	Signal	Wiring	Pin	Signal
1	-	2-2	1	12V
2	Rx	3-3	2	Tx
3	Tx	5-10	3	Rx
4	-	6-1	4	-
5	GND		5	-
6	12V		6	-
7	-		7	-
8	-		8	Jump 8 & 9
9	-		9	Jump 8 & 9
10	-		10	GND
Need to tie DSR to <25V				

Part no. [T3D-C-ENG-FU-LC1010-C2](#)