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Find the *Abaco Systems / Condor Engineering CONCEI-520* at our website: ***Click HERE***

CONDOR ENGINEERING

Transition Cable Pin-Out and Color Coding

Part Number CONCEI-520 (1320-011) for the CEI-520(A) and CEI-830

Pin	CEI-520 Signal	CEI-830 Signal	Base/Stripe Color	Pin	CEI-520 Signal	CEI-830 Signal	Base/Stripe Color
1	TX1+	RX1A (+)	Brown	35	TX1-	RX1B (-)	Brown/White
2	TX2+	RX2A (+)	Red	36	TX2-	RX2B (-)	Red/Black
3	TX3+	RX3A (+)	Orange	37	TX3-	RX3B (-)	Orange/Black
4	TX4+	RX4A (+)	Pink	38	TX4-	RX4B (-)	Pink/Black
5	TX5+	RX5A (+)	Yellow	39	TX5-	RX5B (-)	Yellow/Black
6	TX6+	RX6A (+)	Green	40	TX6-	RX6B (-)	Green/Black
7	TX7+	RX7A (+)	Light green	41	TX7-	RX7B (-)	Light green/Black
8	TX8+	RX8A (+)	Blue	42	TX8-	RX8B (-)	Blue/White
9	TX9+	RX9A (+)	Light blue	43	TX9-	RX9B (-)	Light blue/Black
10	TX10+	RX10A (+)	Violet	44	TX10-	RX10B (-)	Violet/White
11	TX11+	RX11A (+)	Gray	45	TX11-	RX11B (-)	Gray/Black
12	TX12+	RX12A (+)	White	46	TX12-	RX12B (-)	White/Black
13	TX13+	RX13A (+)	Black	47	TX13-	RX13B (-)	Black/White
14	TX14+	RX14A (+)	Red/White	48	TX14-	RX14B (-)	Red/Blue
15	TX15+	RX15A (+)	Yellow/Red	49	TX15-	RX15B (-)	Yellow/Blue
16	TX16+	RX16A (+)	Pink/Red	50	TX16-	RX16B (-)	Pink/Blue
17	GND	TX1A (+)	Pink/Orange *	51	GND	TX1B (-)	Pink/White
18	RX1+	TX2A (+)	Green/Blue	52	RX1-	TX2B (-)	Light green/Red
19	RX2+	TX3A (+)	Green/White	53	RX2-	TX3B (-)	Light green/Blue
20	RX3+	TX4A (+)	Light green/Orange *	54	RX3-	TX4B (-)	Light green/Green
21	RX4+	TX5A (+)	Light blue/Red	55	RX4-	TX5B (-)	Light blue/Blue
22	RX5+	TX6A (+)	Light blue/Orange *	56	RX5-	TX6B (-)	Light blue/Green
23	RX6+	TX7A (+)	Grey/Red	57	RX6-	TX7B (-)	Grey/Blue
24	RX7+	TX8A (+)	Grey/Orange *	58	RX7-	TX8B (-)	Grey/Green
25	RX8+	TX9A (+)	White/Red	59	RX8-	TX9B (-)	White/Blue
26	GND	TX10A (+)	White/Orange *	60	GND	TX10B (-)	White/Green
27	RX9+	TX11A (+)	Orange/White	61	RX9-	TX11B (-)	Grey/White
28	RX10+	TX12A (+)	Orange/Red	62	RX10-	TX12B (-)	Orange/Green
29	RX11+	TX13A (+)	Light yellow	63	RX11-	TX13B (-)	Light yellow/Red
30	RX12+	TX14A (+)	Light yellow/Green	64	RX12-	TX14B (-)	Light yellow/Blue
31	RX13+	TX15A (+)	Yellow/White	65	RX13-	TX15B (-)	Light yellow/Black
32	RX14+	TX16A (+)	Blue/Red	66	RX14-	TX16B (-)	Violet/Red
33	RX15+	IRIG RX+	Violet/Green	67	RX15-	IRIG RX-	Violet/Blue
34	RX16+	IRIG TX	Light brown	68	RX16-	GROUND	Light brown/Red

Signal pairs "TXnA"/"TXnB" and "RXnA"/"RXnB" are the positive and negative lines of an ARINC channel differential pair.

* Note: The orange color may appear yellow on some cables.

101 W. Anapamu Street, Santa Barbara, CA 93101 Tel 805.965.8000 Fax 805.963.9630

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