

### DIN160 SWITCH CABLE

Note: The first color listed in the Bare Wire Color Code is the primary color of the wire.  
The second color is the stripe color.

NC=No Connect

DIN160 pin #	DIN160 mate pin #	Dsub connector	Dsub pin#	Bare Wire Cable Leg	Bare Wire Color Code	PXI-2510
D31	D31	P1	1	P1	BLACK	CH0
D32	D32	P1	2	P1	BROWN	DUT0
C31	C31	P1	3	P1	RED	CH1
C32	C32	P1	4	P1	ORANGE	DUT1
B31	B31	P1	5	P1	YELLOW	CH2
B32	B32	P1	6	P1	GREEN	DUT2
A31	A31	P1	7	P1	BLUE	CH3
A32	A32	P1	8	P1	PURPLE	DUT3
D29	D29	P1	9	P1	GRAY	CH4
D30	D30	P1	10	P1	WHITE	DUT4
C29	C29	P1	11	P1	PINK	CH5
C30	C30	P1	12	P1	LIGHT GREEN	DUT5
B29	B29	P1	13	P1	BLACK/WHITE	CH6
B30	B30	P1	14	P1	BROWN/WHITE	DUT6
A29	A29	P1	15	P1	RED/WHITE	CH7
A30	A30	P1	16	P1	ORANGE/WHITE	DUT7
D27	D27	P1	18	P1	BLUE/WHITE	CH8
D28	D28	P1	19	P1	PURPLE/WHITE	DUT8
C27	C27	P1	20	P1	RED/BLACK	CH9
C28	C28	P1	21	P1	ORANGE/BLACK	DUT9
B27	B27	P1	22	P1	YELLOW/BLACK	CH10
B28	B28	P1	23	P1	GREEN/BLACK	DUT10
A27	A27	P1	24	P1	GRAY/BLACK	CH11
A28	A28	P1	25	P1	PINK/BLACK	DUT11
D25	D25	P1	26	P2	BLACK	CH12
D26	D26	P1	27	P2	BROWN	DUT12
C25	C25	P1	28	P2	RED	CH13
C26	C26	P1	29	P2	ORANGE	DUT13
B25	B25	P1	30	P2	YELLOW	CH14
B26	B26	P1	31	P2	GREEN	DUT14
A25	A25	P1	32	P2	BLUE	CH15
A26	A26	P1	33	P2	PURPLE	DUT15
D23	D23	P1	34	P2	GRAY	CH16
D24	D24	P1	35	P2	WHITE	DUT16
C23	C23	P1	36	P2	PINK	CH17
C24	C24	P1	37	P2	LIGHT GREEN	DUT17

B23	B23	P1	38	P2	BLACK/WHITE	CH18
B24	B24	P1	39	P2	BROWN/WHITE	DUT18
A23	A23	P1	40	P2	RED/WHITE	CH19
A24	A24	P1	41	P2	ORANGE/WHITE	DUT19
E32	E32	P1	42	P2	GREEN/WHITE	A0
E31	E31	P1	43	P2	BLUE/WHITE	A1
E30	E30	P1	44	P2	PURPLE/WHITE	A2
E29	E29	P1	45	P2	RED/BLACK	A3
E27	E27	P1	47	P2	YELLOW/BLACK	B0
E26	E26	P1	48	P2	GREEN/BLACK	B1
E25	E25	P1	49	P2	GRAY/BLACK	B2
E24	E24	P1	50	P2	PINK/BLACK	B3
E28	E28	P1	17	P1	GREEN/WHITE	USER_0
E23	E23	P1	46	P2	ORANGE/BLACK	USER_1
D21	D21	P2	1	P3	BLACK	CH20
D22	D22	P2	2	P3	BROWN	DUT20
C21	C21	P2	3	P3	RED	CH21
C22	C22	P2	4	P3	ORANGE	DUT21
B21	B21	P2	5	P3	YELLOW	CH22
B22	B22	P2	6	P3	GREEN	DUT22
A21	A21	P2	7	P3	BLUE	CH23
A22	A22	P2	8	P3	PURPLE	DUT23
D19	D19	P2	9	P3	GRAY	CH24
D20	D20	P2	10	P3	WHITE	DUT24
C19	C19	P2	11	P3	PINK	CH25
C20	C20	P2	12	P3	LIGHT GREEN	DUT25
B19	B19	P2	13	P3	BLACK/WHITE	CH26
B20	B20	P2	14	P3	BROWN/WHITE	DUT26
A19	A19	P2	15	P3	RED/WHITE	CH27
A20	A20	P2	16	P3	ORANGE/WHITE	DUT27
D17	D17	P2	18	P3	BLUE/WHITE	CH28
D18	D18	P2	19	P3	PURPLE/WHITE	DUT28
C17	C17	P2	20	P3	RED/BLACK	CH29
C18	C18	P2	21	P3	ORANGE/BLACK	DUT29
B17	B17	P2	22	P3	YELLOW/BLACK	CH30
B18	B18	P2	23	P3	GREEN/BLACK	DUT30
A17	A17	P2	24	P3	GRAY/BLACK	CH31
A18	A18	P2	25	P3	PINK/BLACK	DUT31
D15	D15	P2	26	P4	BLACK	CH32
D16	D16	P2	27	P4	BROWN	DUT32
C15	C15	P2	28	P4	RED	CH33
C16	C16	P2	29	P4	ORANGE	DUT33
B15	B15	P2	30	P4	YELLOW	CH34
B16	B16	P2	31	P4	GREEN	DUT34

A15	A15	P2	32	P4	BLUE	CH35
A16	A16	P2	33	P4	PURPLE	DUT35
D13	D13	P2	34	P4	GRAY	CH36
D14	D14	P2	35	P4	WHITE	DUT36
C13	C13	P2	36	P4	PINK	CH37
C14	C14	P2	37	P4	LIGHT GREEN	DUT37
B13	B13	P2	38	P4	BLACK/WHITE	CH38
B14	B14	P2	39	P4	BROWN/WHITE	DUT38
A13	A13	P2	40	P4	RED/WHITE	CH39
A14	A14	P2	41	P4	ORANGE/WHITE	DUT39
D11	D11	P2	42	P4	GREEN/WHITE	CH40
D12	D12	P2	43	P4	BLUE/WHITE	DUT40
C11	C11	P2	44	P4	PURPLE/WHITE	CH41
C12	C12	P2	45	P4	RED/BLACK	DUT41
B11	B11	P2	46	P4	ORANGE/BLACK	CH42
B12	B12	P2	47	P4	YELLOW/BLACK	DUT42
E14	E14	P2	17	P3	GREEN/WHITE	BUSA
E12	E12	P2	50	P4	PINK/BLACK	BUSB
A11	A11	P2	48	P4	GREEN/BLACK	CH43
A12	A12	P2	49	P4	GRAY/BLACK	DUT43
D9	D9	P3	1	P5	BLACK	CH44
D10	D10	P3	2	P5	BROWN	DUT44
C9	C9	P3	3	P5	RED	CH45
C10	C10	P3	4	P5	ORANGE	DUT45
B9	B9	P3	5	P5	YELLOW	CH46
B10	B10	P3	6	P5	GREEN	DUT46
A9	A9	P3	7	P5	BLUE	CH47
A10	A10	P3	8	P5	PURPLE	DUT47
D7	D7	P3	9	P5	GRAY	CH48
D8	D8	P3	10	P5	WHITE	DUT48
C7	C7	P3	11	P5	PINK	CH49
C8	C8	P3	12	P5	LIGHT GREEN	DUT49
B7	B7	P3	13	P5	BLACK/WHITE	CH50
B8	B8	P3	14	P5	BROWN/WHITE	DUT50
A7	A7	P3	15	P5	RED/WHITE	CH51
A8	A8	P3	16	P5	ORANGE/WHITE	DUT51
D5	D5	P3	18	P5	BLUE/WHITE	CH52
D6	D6	P3	19	P5	PURPLE/WHITE	DUT52
C5	C5	P3	20	P5	RED/BLACK	CH53
C6	C6	P3	21	P5	ORANGE/BLACK	DUT53
B5	B5	P3	22	P5	YELLOW/BLACK	CH54
B6	B6	P3	23	P5	GREEN/BLACK	DUT54
A5	A5	P3	24	P5	GRAY/BLACK	CH55
A6	A6	P3	25	P5	PINK/BLACK	DUT55

D3	D3	P3	26	P6	BLACK	CH56
D4	D4	P3	27	P6	BROWN	DUT56
C3	C3	P3	28	P6	RED	CH57
C4	C4	P3	29	P6	ORANGE	DUT57
B3	B3	P3	30	P6	YELLOW	CH58
B4	B4	P3	31	P6	GREEN	DUT58
A3	A3	P3	32	P6	BLUE	CH59
A4	A4	P3	33	P6	PURPLE	DUT59
D1	D1	P3	34	P6	GRAY	CH60
D2	D2	P3	35	P6	WHITE	DUT60
C1	C1	P3	36	P6	PINK	CH61
C2	C2	P3	37	P6	LIGHT GREEN	DUT61
B1	B1	P3	38	P6	BLACK/WHITE	CH62
B2	B2	P3	39	P6	BROWN/WHITE	DUT62
A1	A1	P3	40	P6	RED/WHITE	CH63
A2	A2	P3	41	P6	ORANGE/WHITE	DUT63
E8	E8	P3	42	P6	GREEN/WHITE	CH64
E9	E9	P3	43	P6	BLUE/WHITE	DUT64
E6	E6	P3	44	P6	PURPLE/WHITE	CH65
E7	E7	P3	45	P6	RED/BLACK	DUT65
E4	E4	P3	46	P6	ORANGE/BLACK	CH66
E5	E5	P3	47	P6	YELLOW/BLACK	DUT66
E2	E2	P3	48	P6	GREEN/BLACK	CH67
E3	E3	P3	49	P6	GRAY/BLACK	DUT67
E10	E10	P3	17	P5	GREEN/WHITE	USER_2
E1	E1	P3	50	P6	PINK/BLACK	RESERVED
E11	E11	NC	NC	NC	NC	NC
E13	E13	NC	NC	NC	NC	NC
E15	E15	NC	NC	NC	NC	NC
E16	E16	NC	NC	NC	NC	NC
E17	E17	NC	NC	NC	NC	NC
E18	E18	NC	NC	NC	NC	NC
E19	E19	NC	NC	NC	NC	NC
E20	E20	NC	NC	NC	NC	NC
E21	E21	NC	NC	NC	NC	NC
E22	E22	NC	NC	NC	NC	NC

USER\_n signals are not used by the NI PXI-2510.

RESERVED signal is reserved by the NI PXI-2510 for future use.