

CONDUIT							CABLE AND WIRE						IS [A] LESS THAN 0.25C?	FINAL CONDUIT NOMINAL DIAMETER
FROM	TO	RUN LENGTH	SIZE/NOMINAL DIAMETER	INSIDE DIAMETER	C	0.25C	CABLE USE	SPECIFICATION OR MATERIAL	NO. OF CONDUCTORS AWG	NO. CABLES OR WIRES*	a	[A]		
					INSIDE AREA	25% INSIDE AREA					CROSS SECTION AREA	COMBINED CROSS SECTION AREA		
		FT.	IN.	IN.	SQ. IN.	SQ. IN.					SQ. IN.	SQ. IN.		IN.
EX. PB-4	PB-6	87	4	4.026	12.72	3.18	SIGNALS	IMSA 19-1 OR 20-1	5/C # 14	1	0.19	0.29	YES	4
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							LOOP LEAD-IN	IMSA 50-2	2/C # 14	1	0.1			
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PB-6	PS-3	17	2	2.067	3.36	0.84	SIGNALS	IMSA 19-1 OR 20-1	5/C # 14	1	0.19	0.29	YES	2
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							LOOP LEAD-IN	IMSA 50-2	2/C # 14	1	0.1			
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* NOTE: INCLUDE GROUNDING CONDUCTOR IN WIRE COUNT FOR LIGHTING CIRCUITS OF NOTATION "WITH GROUND."