

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.
PS-1	PB-2	13	2	2.067	3.36	0.84	SIGNALS	IMSA 19-1 OR 20-1	5/C # 14	1	0.19	0.29	YES	2
							SIGNALS	IMSA 19-1 OR 20-1	2/C # 14	1	0.1			
							-	-	-	-	-			
							-	-	-	-	-			
							-	-	-	-	-			
							-	-	-	-	-			
							-	-	-	-	-			
							-	-	-	-	-			
							-	-	-	-	-			
							-	-	-	-	-			
							-	-	-	-	-			
							-	-	-	-	-			
							-	-	-	-	-			
							-	-	-	-	-			
							-	-	-	-	-			
PB-2	PB-1	44	3	3.068	7.38	1.85	SIGNALS	IMSA 19-1 OR 20-1	2/C # 14	1	0.1	0.29	YES	3
							SIGNALS	IMSA 19-1 OR 20-1	5/C # 14	1	0.19			
							-	-	-	-	-			
							-	-	-	-	-			
							-	-	-	-	-			
							-	-	-	-	-			
							-	-	-	-	-			
							-	-	-	-	-			
							-	-	-	-	-			
							-	-	-	-	-			
							-	-	-	-	-			
							-	-	-	-	-			
							-	-	-	-	-			
							-	-	-	-	-			
							-	-	-	-	-			
							-	-	-	-	-			
PB-1	SP-1	15	3	3.068	7.38	1.85	SIGNALS	IMSA 19-1 OR 20-1	2/C # 14	1	0.1	0.29	YES	3
							SIGNALS	IMSA 19-1 OR 20-1	5/C # 14	1	0.19			
							-	-	-	-	-			
							-	-	-	-	-			
							-	-	-	-	-			
							-	-	-	-	-			
							-	-	-	-	-			
							-	-	-	-	-			
							-	-	-	-	-			
							-	-	-	-	-			
							-	-	-	-	-			
							-	-	-	-	-			
							-	-	-	-	-			
							-	-	-	-	-			
							-	-	-	-	-			
							-	-	-	-	-			

* NOTE: INCLUDE GROUNDING CONDUCTOR IN WIRE COUNT FOR LIGHTING CIRCUITS OF NOTATION "WITH GROUND."