



CABLE SIZING CHART FOR PUSHBUTTON STATIONS

This chart is designed as an aid in sizing the round pendant cable used for the PUSHBUTTON STATIONS. Read through and study the chart so that you will see the variations between the different pendant control units.

EACH STATION starts with one wire from X1 at the control transformer, sometimes called the "Common" -	-add-	1 Wire
For a MAINTAINED On-Off switch (Example-PB-STM, PB-STMA, PB-STMB, RPS-6, RPS-6A, PB-STMM, SP-M, PT-STMM, PT-6, PT-6A)	-add-	1 Wire
For a MOMENTARY On-Off switch (Example-PB-ST, PB-STA, PB-STB, SP-A)	-add-	2 Wires
For each SINGLE SPEED PAIR (Example-(2)RB-1, (1)PB-1A, (1)PB-1B, (1)SP-1)	-add-	2 Wires
For each TWO SPEED PAIR (Example-(2)RB-2, (2)RB-2A, (1)PB-2A, (1)PB-2B, (1)SP-2)	-add-	3 Wires
For each SPECIAL TWO SPEED PAIR (Example-PB-BBM, SP-2-S1)	-add-	4 Wires
For each THREE SPEED PAIR (Example- PB-3A, PB-3B, SP-3)	-add-	4 Wires
For each FOUR SPEED PAIR (Example PB-5A or 5B used as 4 Speed)	-add-	5 Wires
For each FIVE SPEED PAIR (Example PB-5A or 5B)	-add-	6 Wires
For each HORN SW., KEY SW., or PILOT (Example- RPS-MS, RPS-7, RPS-7X, RPS-PL, RPS-PLA, SP-H, PT-MS, SP-PL, PT-PL, PT-7	-add-	1 Wire
For each SELECTOR SW. w/functions A-B, A-B-Both, A-Both-B,		
For Circuit A	-add-	1 Wire
For Circuit B	-add-	1 Wire
For each extra function or interlock required	-add-	1 Wire
For RPB, RPS, and J STATIONS, a GROUND wire is required	-add-	1 Wire

The round pendant cables come in 3, 4, 8, 12, 16, 24, and 36 conductor sizes. If the calculation above comes out exactly on the number of conductors in a cable, be sure to ask if the customer wants any spares in the cable. If yes, then select the next highest cable size.