

## AIPHONE WIRE - BY SYSTEM

### CHOOSING AND ORDERING THE RIGHT CABLE:

1. Locate the system in the left hand column for which you are purchasing wire.
2. Determine the amount of cable you need.
3. Use the 6-digit wire number, PLUS the 2-digit extension to indicate the length you need. (10 = 1000'; 50 = 500'; 25 = 250')
4. Add "C" to the complete wire number to indicate new wire.
5. Order the wire with the full nine digit stock number as shown to the right.

SYSTEM	WIRE #	LENGTH	DESCRIPTION	1000'	500'	250'
<b>AI-900 Series</b>						
Subs to AI-900MF						
Homerun (22AWG)	822202	(50,10)	2 Conductor, overall shield	82220210C	82220250C	
Homerun (18AWG)	821802	(10)	2 Conductor, overall shield	82180210C		
Masters to AI-900MF	832204	(10)	2 Twisted pair, non-shielded	83220410C		
<b>AP-M Series</b>						
Subs/Horns to Master (Homerun)	822202	(50,10)	2 Conductor, overall shield	82220210C	82220250C	
<b>AT-406 Series</b>						
Looped	822202	(50,10)	2 Conductor, overall shield	82220210C	82220250C	
<b>C-123L/LW Series</b>						
Door to Master (Homerun)	822202	(50,10)	2 Conductor, overall shield	82220210C	82220250C	
Between C-ML/A (Looped)	822202	(50,10)	2 Conductor, overall shield	82220210C	82220250C	
<i>Two runs of 822202 is required for full system functionality</i>						
<b>CCS Series</b>						
CC-DA to Master (Homerun)	822202	(50,10)	2 Conductor, overall shield	82220210C	82220250C	
Between CC-1M (Looped)	822202	(50,10)	2 Conductor, overall shield	82220210C	82220250C	
<b>DA Series</b>						
DA-1G to DA-1MD	822202	(50,10)	2 Conductor, overall shield	82220210C	82220250C	
DA-2/4G to ea. DA-1MD	822202	(50,10)	2 Conductor, overall shield	82220210C	82220250C	
<b>GF/GH Series:</b>						
- Audio signal	872002	(50, 10)	2 Conductor, Mid cap, PE, solid, non-shielded	87200210C	87200250C	
- Video signal	871802	(50, 10)	2 Conductor, Low cap, PE, solid, non-shielded	87180210C		
	871802P	(10)	2 Conductor, Mid cap, PVC, solid, non-shielded, Plenum Rated	871802P10C	871802P50C	
<i>(Use both cables for GF/GH Video system)</i>						
<b>IE Series</b>						
Door to Master (Homerun)	822202	(50,10)	2 Conductor, overall shield	82220210C	82220250C	
Master to sub handsets (Looped)	822206	(50)	6 Conductor, overall shield		82220650C	
<b>IE-8 Series</b>						
Door to Master (Homerun)	822202	(50,10)	2 Conductor, overall shield	82220210C	82220250C	
Master to sub handsets (Looped)	812205	(50)	5 Conductor, non-shielded		81220550C	
<b>IM Series</b>						
Driver to Main Unit	822202	(50,10)	2 Conductor, overall shield	82220210C	82220250C	
Acoustic Tube to Driver	822202	(50,10)	2 Conductor, overall shield	82220210C	82220250C	
Main Unit to Power Supply	822202	(50,10)	2 Conductor, overall shield	82220210C	82220250C	
<b>IP-EWST</b>						
IE/IF Series Door to Adaptor	822202	(50,10)	2 Conductor, overall shield	82220210C	82220250C	
LEF Series Door to Adaptor	822203	(50)	3 Conductor, overall shield		82220350C	
<b>JA/JF Series</b>						
Door to Master Monitor (Homerun)	871802	(50, 10)	2 Conductor, Low cap, PE, solid, non-shielded	87180210C	87180250C	
	871802P	(10)	2 Conductor, Mid cap, PVC, solid, non-shielded, Plenum Rated	871802P10C		
	851602DB	(10)	2 Conductor, Low cap, PE, solid, non-shielded, Direct Burial	851602DB10C		
Master to Sub Monitors (Looped)	871804	(50)	4 Conductor, Low cap, PE, solid, non-shielded, Direct Burial		87180450C	
JF-1 Master to Sub Monitors (Looped)	871806	(50)	6 Conductor, Low cap, PE, solid, non-shielded		87180650C	
JA/JF-2 Master to Sub Monitors (Looped)	871804	(50)	4 Conductor, Low cap, PE, solid, non-shielded, Direct Burial		87180450C	
<b>KB Series</b>						
Door to Master Monitor (Homerun)	871802	(50, 10)	2 Conductor, Low cap, PE, solid, non-shielded	87180210C	87180250C	
	871802P	(10)	2 Conductor, Mid cap, PVC, solid, non-shielded, Plenum Rated	871802P10C		
	851602DB	(10)	2 Conductor, Low cap, PE, solid, non-shielded, Direct Burial	851602DB10C		
Master to Sub Monitors (Looped)	871802	(50, 10)	2 Conductor, Low cap, PE, solid, non-shielded	87180210C	87180250C	
	871802P	(10)	2 Conductor, Mid cap, PVC, solid, non-shielded, Plenum Rated	871802P10C		
PS-2420UL to Monitors (Homerun)	871802	(50, 10)	2 Conductor, Low cap, PE, solid, non-shielded	87180210C	87180250C	
<b>KC Series</b>						
Door to Master Monitor (Homerun)	871802	(50, 10)	2 Conductor, Low cap, PE, solid, non-shielded	87180210C	87180250C	
	871802P	(10)	2 Conductor, Mid cap, PVC, solid, non-shielded, Plenum Rated	871802P10C		
	851602DB	(10)	2 Conductor, Low cap, PE, solid, non-shielded, Direct Burial	851602DB10C		
Master to Sub Monitors (Looped)	871802	(50, 10)	2 Conductor, Low cap, PE, solid, non-shielded	87180210C	87180250C	
PS-2420UL to Monitors (Homerun)	871802	(50, 10)	2 Conductor, Low cap, PE, solid, non-shielded	87180210C	87180250C	
<b>LAF/LDF-C &amp; CA Masters</b>						
Subs homerun (22AWG)	822203	(50,10)	3 Conductor, overall shield		82220350C	
Subs homerun (18AWG)	821803	(10)	3 Conductor, overall shield	82180310C		
<b>LDC Series</b>						
Door to ACC-3	822202	(50,10)	2 Conductor, overall shield	82220210C	82220250C	
ACC-3 to LDC-1C	822210	(50)	10 Conductor, overall shield		82221050C	
LDC-1C to LDC-1C	822210	(50)	10 Conductor, overall shield		82221050C	
<b>LEM Series</b>						
Door/Sub to Master (22AWG)	822202	(50,10)	2 Conductor, overall shield	82220210C	82220250C	
Door/Sub to Master (18AWG)	821802	(10)	2 Conductor, overall shield	82180210C		

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SYSTEM	WIRE #	LENGTH	DESCRIPTION	1000'	500'	250'
<b>LEF Series</b>						
LEF-3	822210	(50)	10 Conductor, overall shield		82221050C	
LEF-5	822212	(50)	12 Conductor, overall shield		82221250C	
LEF-10	822220	(50)	20 Conductor, overall shield		82222050C	
LEF-10S	822220	(50)	20 Conductor, overall shield		82222050C	
LEF-1C						
LEF-1C Homerun to BG-10C	822212	(50)	12 Conductor, overall shield		82221250C	
LEF-1C Looped (max 9 stns)	822220	(50)	20 Conductor, overall shield		82222050C	
LEF-3C	822212	(50)	12 Conductor, overall shield		82221250C	
LEF-5C	822215	(50)	15 Conductor, overall shield		82221550C	
LEF-10C	822220	(50)	20 Conductor, overall shield		82222050C	
BG-10C to Master	822220	(50)	20 Conductor, overall shield		82222050C	
LE Series single call Sub and Door stations (except LE-C & LE-CN)						
Homerun (22AWG)	822203	(50)	3 Conductor, overall shield	82180310C	82220350C	
Homerun (18AWG)	821803	(10)	3 Conductor, overall shield			
Looped (max 4 stns)	822206	(50)	6 Conductor, overall shield		82220650C	
Looped (max 8 stns)	822210	(50)	10 Conductor, overall shield		82221050C	
LE-A3, LE-AN3 (Homerun)	822206	(50)	6 Conductor, overall shield		82220650C	
LE Series single call Sub with volume control (LE-C/CN)						
Homerun to BG-10C	822206	(50)	6 Conductor, overall shield		82220650C	
Looped (max 3 stns)	822210	(50)	10 Conductor, overall shield		82221050C	
LEF Using Selective Contacts (K terminals)						
LEF-3L	822212	(50)	12 Conductor, overall shield		82221250C	
LEF-5, 5C	822220	(50)	20 Conductor, overall shield		82222050C	
LEF-10, 10S, 10C	822220	(50)	20 Conductor, overall shield		82222050C	
plus	822210	(50)	10 Conductor, overall shield		82221050C	
<b>MC-60/4 Series</b>						
Between Handsets (Looped)	852207	(10)	7 Conductor, Mid cap, PE, non-shielded	85220710C		
Handset to MC-A/A	852207	(10)	7 Conductor, Mid cap, PE, non-shielded	85220710C		
<b>MP-S Series</b>						
Subs/Horns to Master (Homerun)	822202	(50,10)	2 Conductor, overall shield	82220210C	82220250C	
Subs/Horns to Master (Homerun)	821802	(10)	2 Conductor, overall shield	82180210C		
<b>MK Series - Both Fixed and PanTilt</b>						
Door to Master Monitor (Homerun)	871802	(50, 10)	2 Conductor, Low cap, PE, solid, non-shielded	87180210C	87180250C	
	871802P	(10)	2 Conductor, Mid cap, PVC, solid, non-shielded, Plenum Rated	871802P10C		
	851602DB	(10)	2 Conductor, Low cap, PE, solid, non-shielded, Direct Burial	851602DB10C		
Master to Sub Monitors (Looped)	871804	(50)	4 Conductor, Low cap, PE, solid, non-shielded		87180450C	
<b>MY Series</b>						
Door to Master/Adaptor (Homerun)	871802	(50, 10)	2 Conductor, Low cap, PE, solid, non-shielded	87180210C	87180250C	
	871802P	(10)	2 Conductor, Mid cap, PVC, solid, non-shielded, Plenum Rated	871802P10C		
	851602DB	(10)	2 Conductor, Low cap, PE, solid, non-shielded, Direct Burial	851602DB10C		
Master to Sub Monitors (Looped)	871806	(50)	6 Conductor, Low cap, PE, solid, non-shielded		87180650C	
MYW-P1L to MY/LEF						
Video	871806	(50)	6 Conductor, Low cap, PE, solid, non-shielded		87180650C	
	851602DB	(10)	2 Conductor, Low cap, PE, solid, non-shielded, Direct Burial	851602DB10C		
Audio	822206	(50)	6 Conductor, overall shield		82220650C	
MYW-P3L to MY/LEF						
Video	871806	(50)	6 Conductor, Low cap, PE, solid, non-shielded		87180650C	
	851602DB	(10)	2 Conductor, Low cap, PE, solid, non-shielded, Direct Burial	851602DB10C		
Audio	822212	(50)	12 Conductor, overall shield		82221250C	
MYW-P10L to MY/LEF						
Video	871806	(50)	6 Conductor, Low cap, PE, solid, non-shielded		87180650C	
	851602DB	(10)	2 Conductor, Low cap, PE, solid, non-shielded, Direct Burial	851602DB10C		
Audio	822212	(50)	12 Conductor, overall shield		82221250C	
plus	822220	(50)	20 Conductor, overall shield		82222050C	
Door to MYW-BA	851602	(10)	2 Conductor, Low cap, PE, solid, non-shielded	85160210C		
	851602DB	(10)	2 Conductor, Low cap, PE, solid, non-shielded, Direct Burial	851602DB10C		
MYW-BA-M to MYH-CU	851602	(10)	2 Conductor, Low cap, PE, solid, non-shielded	85160210C		
plus	871806	(50)	6 Conductor, Low cap, PE, solid, non-shielded		87180650C	
<b>NEM, NDR, NDRM Series</b>						
Subs homerun (22AWG)	822202	(50,10)	2 Conductor, overall shield	82220210C	82220250C	
Subs homerun (18AWG)	821802	(10)	2 Conductor, overall shield	82180210C		
NEW-5 to each Master	822210	(50)	10 Conductor, overall shield		82221050C	
<b>NHX Series</b>						
NHX-80X to NHX-50M	862210	(25)	5 Twisted pair, Mid cap, PE, overall shield			86221025C
NHX-80X to NH-1SA/2SA	862208	(10)	4 Twisted pair, Mid cap, PE, overall shield	86220810C		
NH-1SA/2SA to NHR-4A/7A	822203	(50)	3 Conductor, overall shield		82220350C	
NHX-80X to NHR-3A-4	871806	(50)	6 Conductor, Low cap, PE, solid, non-shielded		87180650C	
<b>TC-M Series</b>						
TB-SE to TC-M Master	822202	(50,10)	2 Conductor, overall shield	82220210C	82220250C	
TB-AD1 to TC-M	822206	(50)	6 Conductor, overall shield		82220650C	
TB-AD10 to TC-M	822215	(50)	15 Conductor, overall shield		82221550C	
TB-ADM10 to MYH-CU	871806	(50)	6 Conductor, Low cap, PE, solid, non-shielded		87180650C	
<b>TCS-MH</b>						
Door to handset	822202	(50,10)	2 Conductor, overall shield	82220210C	82220250C	

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SYSTEM	WIRE #	LENGTH	DESCRIPTION	1000'	500'	250'	
<b>TD-H Series</b>	TD-1H/B, TD-1HL	812205	(50)	5 Conductor, non-shielded		81220550C	
	TD-3H/B, TD-3HL	812210	(50)	10 Conductor, non-shielded		81221050C	
	TD-6H/B, TD-6HL	812210	(50)	10 Conductor, non-shielded		81221050C	
	TD-12H/B, TD-12HL	812216	(50)	16 Conductor, non-shielded		81221650C	
	TD-24H/B	812216	(50)	16 Conductor, non-shielded		81221650C	
	<i>Two runs of 812216 is required for full TD-24H/B functionality</i>						
	TD-6Z/A	812210	(50)	10 Conductor, non-shielded		81221050C	
TD-12Z/A	812216	(50)	16 Conductor, non-shielded		81221650C		
<b>VC-M Series</b>	Homerun each VC-K	812205	(50)	5 Conductor, non-shielded		81220550C	
	Loop 6 VC-K's	812210	(50)	10 Conductor, non-shielded		81221050C	
	Loop 12 VC-K's	812216	(50)	16 Conductor, non-shielded		81221650C	
<b>YAZ Series</b>	Between YAZ-90-3W	862208	(10)	4 Twisted pair, Mid cap, PE, overall shield	86220810C		

Refer to installation manual for wiring information and methods, distance limitations, and installation precautions.

**All recommendations are based on standard systems. Actual conductor count may vary.**

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