

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'
AI-900 Series						
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		
AP-M Series						
Subs/Horns to Master (Homerun)	822202	(50,10)	2 Conductor, overall shield	82220210C	82220250C	
AT-406 Series						
Looped	822202	(50,10)	2 Conductor, overall shield	82220210C	82220250C	
C-123L/LW Series						
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>						
CCS Series						
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	
DA Series						
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	
GF/GH Series:						
- 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>						
IE Series						
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	
IE-8 Series						
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	
IM Series						
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	
IP-EWST						
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	
JA/JF Series						
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	
KB Series						
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	
KC Series						
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	
LAF/LDF-C & CA Masters						
Subs homerun (22AWG)	822203	(50,10)	3 Conductor, overall shield		82220350C	
Subs homerun (18AWG)	821803	(10)	3 Conductor, overall shield	82180310C		
LDC Series						
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	
LEM Series						
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'
LEF Series						
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	
MC-60/4 Series						
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		
MP-S Series						
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		
MK Series - Both Fixed and PanTilt						
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	
MY Series						
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	
NEM, NDR, NDRM Series						
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	
NHX Series						
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	
TC-M Series						
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	
TCS-MH						
Door to handset	822202	(50,10)	2 Conductor, overall shield	82220210C	82220250C	

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SYSTEM	WIRE #	LENGTH	DESCRIPTION	1000'	500'	250'	
TD-H Series	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		
VC-M Series	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	
YAZ Series	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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