



For Every Locked Door

APPROVED PRODUCT WIRE



AIPHONE WIRE FEATURES:

- Extends your Aiphone product warranty by one year
- Technically matched to Aiphone systems
- Ensures proper system performance
- Regionally stocked to ensure fast delivery
- Sequential foot markings
- Manufactured in ISO-9002 certified plants



www.aiphone.com info@aiphone.com
TO ORDER CALL 1.800.692.0200

AIPHONE WIRE BY STOCK NUMBER

STOCK #	LENGTH	AWG	DESCRIPTION	JACKET	CAPACITANCE	LOOP RES.
81220550C	500'	22	5 conductor, non-shielded	PVC	23.60 pf/ft	17.50 ohm
81221050C	500'	22	10 conductor, non-shielded	PVC	23.60 pf/ft	17.50 ohm
81221650C	500'	22	16 conductor, non-shielded	PVC	23.60 pf/ft	17.50 ohm
82180210C	1000'	18	2 conductor, overall shield	PVC	47.00 pf/ft	6.92 ohm
82180310C	1000'	18	3 conductor, overall shield	PVC	47.00 pf/ft	6.92 ohm
82220250C	500'	22	2 conductor, overall shield	PVC	44.65 pf/ft	17.50 ohm
82220210C	1000'	22	2 conductor, overall shield	PVC	44.65 pf/ft	17.50 ohm
82220350C	500'	22	3 conductor, overall shield	PVC	44.62 pf/ft	17.50 ohm
82220650C	500'	22	6 conductor, overall shield	PVC	44.65 pf/ft	17.50 ohm
82221050C	500'	22	10 conductor, overall shield	PVC	44.65 pf/ft	17.50 ohm
82221250C	500'	22	12 conductor, overall shield	PVC	44.65 pf/ft	17.50 ohm
82221550C	500'	22	15 conductor, overall shield	PVC	44.65 pf/ft	17.50 ohm
82222050C	500'	22	20 conductor, overall shield	PVC	44.65 pf/ft	17.50 ohm
83220410C	1000'	22	2 twisted pair, non-shielded	PVC	23.60 pf/ft	17.50 ohm
85160210C	1000'	16	2 Conductor, Low cap, PE, solid, non-shielded	PVC	12.50 pf/ft	4.02 ohm
851602DB10C	1000'	16	2 conductor, Low cap, PE, solid, non-shielded, direct burial	PVC	12.50 pf/ft	4.00 ohm
85220710C	1000'	22	7 conductor, Mid cap, PE, non-shielded	PVC	16.50 pf/ft	17.50 ohm
86220810C	1000'	22	4 twisted pair, Mid cap, PE, overall shield	PVC	15.28 pf/ft	10.15 ohm
86221025C	250'	22	5 twisted pair, Mid cap, PE, overall shield	PVC	15.28 pf/ft	10.15 ohm
87180250C	500'	18	2 conductor, Low cap, PE, solid, non-shielded	PVC	11.05 pf/ft	6.39 ohm
87180210C	1000'	18	2 Conductor, Low cap, PE, solid, non-shielded	PVC	11.05 pf/ft	6.39 ohm
871802P10C	1000'	18	2 conductor, Low cap, FEP, solid, non-shielded, plenum rated	SGPVC	13.00 pf/ft	6.52 ohm
87180450C	500'	18	4 Conductor, Low cap, PE, solid, non-shielded	PVC	13.60 pf/ft	6.39 ohm
871804P50C	500'	18	4 conductor, Low cap, FEP, solid, non-shielded, plenum rated	SGPVC	13.60 pf/ft	6.80 ohm
87180650C	500'	18	6 conductor, Low cap, PE, solid, non-shielded	PVC	13.60 pf/ft	6.39 ohm
87200250C	500'	20	2 conductor, Mid cap, PE, solid, non-shielded	PVC	21.00 pf/ft	10.15 ohm
87200210C	1000'	20	2 Conductor, Mid cap, PE, solid, non-shielded	PVC	21.00 pf/ft	10.15 ohm
872002P10C	1000'	20	2 conductor, Mid cap, FEP, solid, non-shielded, plenum rated	SGPVC	18.00 pf/ft	10.10 ohm

WIRE NUMBER CODING:

1st digit: Wire Approval – 8 = Aiphone Approved Wire

2nd digit: Type of Wire –

- | | |
|------------------|-------------------------------------------------|
| 1 = non-shielded | 5 = PE insulated, mid capacitance |
| 2 = shielded | 6 = twisted pair, PE insulation, overall shield |
| 3 = twisted pair | 7 = solid, PE insulation, low capacitance |

3rd & 4th digits: Wire Gauge – 22 = 22AWG; 20 = 20AWG; 18 = 18AWG; 16 = 16AWG

5th & 6th digits: Conductor Count – 02 = 2 conductors, 12 = 12 conductors

Special Type: P = Plenum; DB = Direct Burial

7th & 8th digits: Length – 25 = 250' box; 50 = 500' box; 10 = 1000' box

9th Character: Version – C = current wire

WIRE NUMBER CODING EXAMPLE:

Aiphone Approved	TYPE- Shielded	GAUGE- 22 AWG	CONDUCTORS- 02 = 2 Conductors	WIRE LENGTH- 10 = 1000' Box	VERSION- C = Current Wire
8	2	22	02	10	C

WIRE INFORMATION

All wire is stranded unless otherwise indicated.

Selected wire available in Plenum.

Standard cable has a gray jacket.

Plenum cable has a white jacket.

All wire meets the following standards:

UL, C(UL), UL 444, CA Fire Marshal.

Contact Aiphone for current pricing.

USING AIPHONE WIRE
EXTENDS YOUR AIPHONE
PRODUCT WARRANTY BY
ONE YEAR.



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