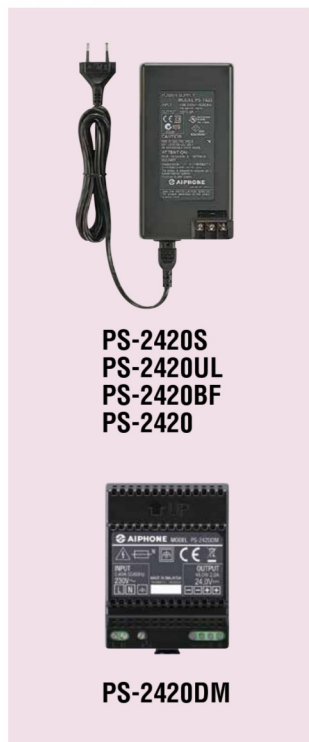
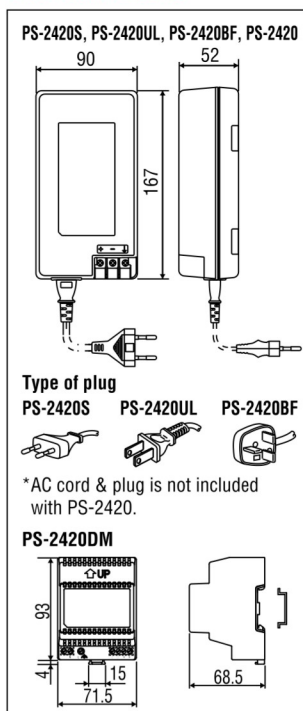


## 24V DC



### Unit dimensions



### Used for

JP-4MED, JP-4HD, JPW-BA, JP-8Z, JS-1MD, JS-1HD, RY-3DL, GT, IS-IPMV, IS-IPDV, IS-IPDVF, AX, YAZ-90-3W, IMU-100, MC-60/4A, NHX

### Specifications

(PS-2420S, PS-2420UL, PS-2420BF, PS-2420)

Input voltage & Capacity	100-240V AC, 50/60Hz, 110-140VA
Output voltage	24V DC, 2A

### Specifications (PS-2420DM)

Input voltage & Capacity	230V AC, 50/60Hz
Output voltage	24V DC, 2.0A

## AIPHONE Approved product wire



### AIPHONE Wire model name

Model	Length	Gauge	Insulation	Jacket color	Description	Recommendation
AE7090220B	200m	ø0.9mm	PE	BEIGE	2 conductor, PE, solid, non-shielded	JO, JS, GT
AE7090220G	200m	ø0.9mm	PE	GRAY	2 conductor, PE, solid, non-shielded	JO, JS, GT
AE7120230B	300m	ø1.2mm	PE	BEIGE	2 conductor, PE, solid, non-shielded	JPW-BA

### Wire number coding

1st & 2nd Characters	: Wire Approval	<b>AE</b> =Aiphone approved wire
3rd digit	: Type of Wire	<b>7</b> =solid, PE, non-shielded
4th & 5th digits	: Gauge	<b>09</b> =0.9mm diameter, <b>12</b> =1.2mm diameter
6th & 7th digits	: Number of Conductors	<b>02</b> =2 conductors
8th & 9th digits	: Length of Wire	<b>20</b> =200 meters box, <b>30</b> =300 meters box
10th Character	: Color of Jacket	<b>G</b> =Gray, <b>B</b> =Beige

### Cable printing

Model	Printing
AE7090220B	AIPHONE P/N AE7090220B 0.9-2C MADE IN JAPAN YYYY ROHS <LFV> AIPHONE
AE7090220G	AIPHONE P/N AE7090220G 0.9-2C MADE IN JAPAN YYYY ROHS <LFV> AIPHONE
AE7120230B	AIPHONE P/N AE7120230B 1.2-2C MADE IN JAPAN YYYY ROHS <LFV> AIPHONE

YYYY: Year of Production <LFV>: Lead free vinyl

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

# Communication Distance

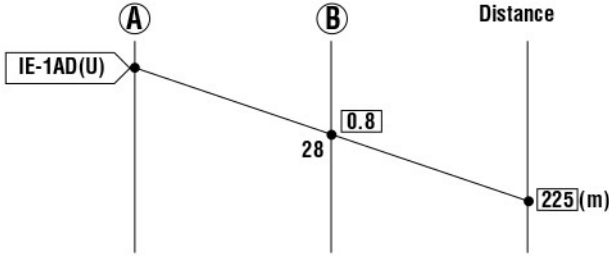
The below graph is to assist you in determining the diameter of wires or communication distance required.

**Example;**

To obtain the communication distance for IE-1AD(U) system using 0.8 mm dia. wires;

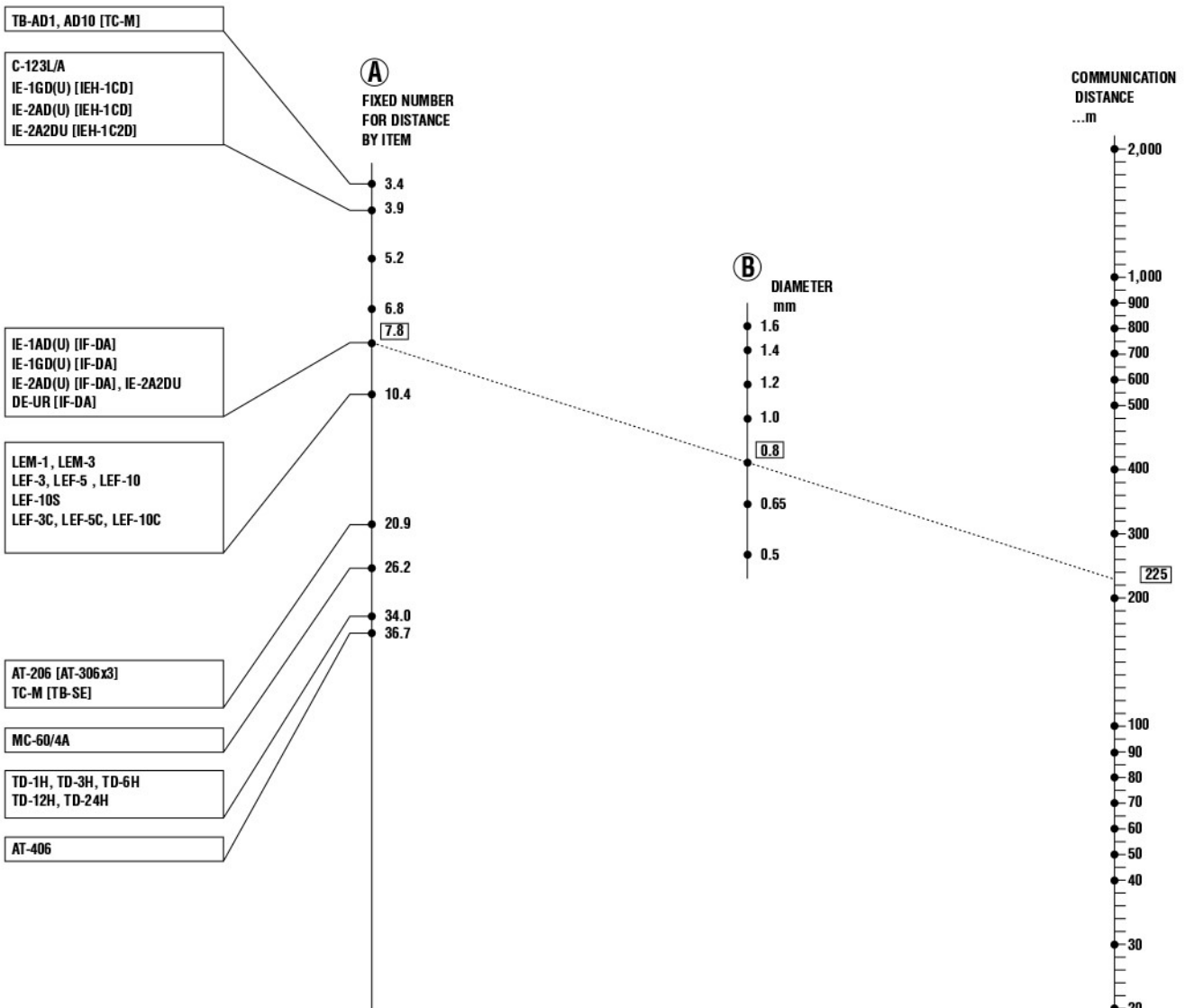
1. On the graph;

Draw a line from IE-1AD(U) on point A 7.8, crossing the line B at the point 0.8 to reach a point reading 225.



## COMMUNICATION DISTANCE CALCULATION GRAPH

### SYSTEM & MODELS



**NOTES;**

IE-1AD(U) [IF-DA] shows distance between IE-1AD(U) and IF-DA or other IE door station.

★Video Intercoms are not included in the graph.

# Compatibility of video intercom systems

**Color video intercom** ✓: Compatible Blank: Not Compatible

Door station Sub station  Master station	Existing model									
	Video door station					Audio door station	Sub master station			Long distance adaptor
	JP-DA JP-DV JP-DVF	JO-DA JO-DV JO-DVF	JS-DA	WL-DA	AX-DV AX-DV-P AX-DVF AX-DVF-P	GT-D	JO-1FD	JP-4HD	JS-1HD	JPW-BA
JO-1MD		✓					✓			
JO-1MDW		✓					✓			
JP-4MED	✓					✓		✓		✓
JS-1MD			✓						✓	
WL-1ME				✓						
AX-8MV					✓					

AX-8MV requires a central exchange unit.