

## Intercom Double Insulated Cable

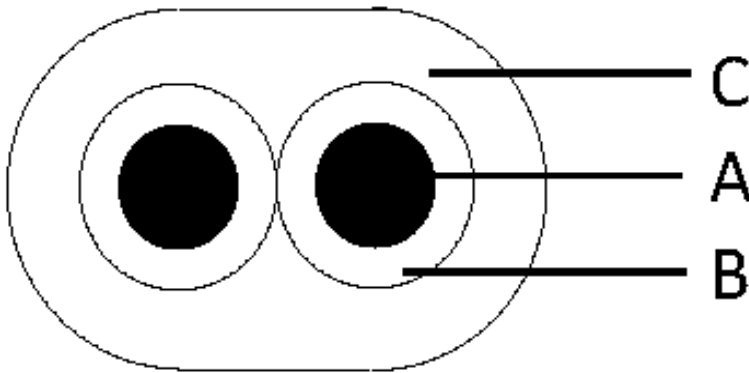
Y3445-12Y, Y3441-09G, Y3441-12Y, Y3442-12Y, Y3442-12G, Y3445-12G, Y3445-09G, Y3442-09G, Y3441-12G



### FEATURES

- Durable and tough 2 core cable for intercom installations
- 2 solid bare copper core conductors with PE insulation and PVC jacket for low signal loss
- Cable suitable for narrow spaces, behind walls, ceilings and under flooring
- Typical applications include audio and video cabling for 2-wire intercom systems
- Available on 100 metre, 200 metre and 500 metre reels with count-down metre marking
- Two conductor sizes available (0.9mm and 1.2mm diameter inner conductors)

### CONSTRUCTION DRAWING



CONSTRUCTION	DIMENSIONAL FEATURES	MATERIAL BREAKDOWN
Inner Conductor (A)	2 / BC 0.90 (+ / - 0.018) mm OR 2 / BC 1.2 (+ / - 0.018) mm	Solid Bare Copper
Insulation (B)	2 / 1.50 (+ / - 0.13) mm	Red, White, Solid PE Insulation
Sheath (C)	2.60 (+ / - 0.15) mm x 4.20 (+ / - 0.20) mm	Green PVC Sheath

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### ELECTRICAL CHARACTERISTICS

Max Conductor (A) DC Resistance at 20°C (Ω/100M)	< 3.25
Min Insulation DC Resistance at 20°C (MΩ*M)	> 200
Rated Temperature (°C)	70 °C
Rated Voltage (V)	300

### PACKING

SKU		COLOUR	MEASUREMENT
Y3441-09G	2C 1 / 0.9	GREEN	100M
Y3441-12G	2C 1 / 1.2	GREEN	100M
Y3441-12Y	2C 1 / 1.2	YELLOW	100M
Y3442-09G	2C 1 / 0.9	GREEN	200M
Y3442-12G	2C 1 / 1.2	GREEN	200M
Y3442-12Y	2C 1 / 1.2	YELLOW	200M
Y3445-09G	2C 1 / 0.9	GREEN	500M
Y3445-12G	2C 1 / 1.2	GREEN	500M
Y3445-12Y	2C 1 / 1.2	YELLOW	500M



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### CONDUCTOR CHARACTERISTICS

Material	Bare copper
Number of cores	2C
Diameter	0.9mm ± 0.01mm OR 1.2mm ± 0.01mm

### JACKET CHARACTERISTICS

Material	PVC
Thickness	0.45 ± 0.05mm
Diameter	3 x 4.6 ± 0.15mm

### INSULATION CHARACTERISTICS

Material	PE
Thickness	0.28 ± 0.05mm
Diameter	1.8 ± 0.01mm

### MARKING

DATAMASTER ® Y3440 SERIES DOUBLE INSULATED 2 x 1.2mm(OR 0.9mm) (200M.....001M)