

# JANTZEN AUDIO

## Cross Cap

Metalized polypropylene foil capacitor



# PRODUCT FEATURE

The Cross Cap is offering a great level of performance and quality at an extremely reasonable price point.

The Cross Cap probably has the best value to cost ratio on the market.

A great multipurpose MKP capacitor.

The Cross Cap is a single foil (standard type MKP/PP foil) construction that uses a good quality aluminum and zinc based metalized polypropylene foil.

Virtually free of distortion and delivers a pleasant and rather neutral sonic profile.

Available in a very wide range of capacitance values for unrivaled flexibility.

# TECHNICAL DATA

**Capacitor foil:** Polypropylene foil metalized with Zinc (Zn) and Aluminium (Al)

**Dielectric insulation:** Polypropylene film

**Terminal leads:** Tinned 4N copper wire

**Voltage rating:** 400 VDC / 250 VAC

**Working Temperature Range:** -40C to + 85C

**Capacity tolerance:** +/- 5%

## **Loss factor at 1 kHz (maximum)**

- $C < 1 \mu\text{F} : 5 * 10^4$
- $C > 1 < 20 \mu\text{F} : 10^5$
- $C > 20 \mu\text{F} : 10^5$

## **Insulation resistance at 1 kHz**

- $C < 1 \mu\text{F} : 5 * 10^4 \text{ MOhm}$
- $1 < 20 \mu\text{F} : 3 * 10^4 \text{ MOhm}$
- $C > 20 \mu\text{F} : 10^4 \text{ MOhm}$

# VALUES AND SIZING

**All Cross Caps have a size tolerance of +/- 2 mm for diameter and length**

- 0,10 $\mu$ F ( $\varnothing$  7mm - L: 18mm) (Product Index: 001-0200)
- 0,12 $\mu$ F ( $\varnothing$  7mm - L: 18mm) (Product Index: 001-0202)
- 0,15 $\mu$ F ( $\varnothing$  8mm - L: 19mm) (Product Index: 001-0204)
- 0,18 $\mu$ F ( $\varnothing$  8mm - L: 19mm) (Product Index: 001-0206)
- 0,22 $\mu$ F ( $\varnothing$  8mm - L: 19mm) (Product Index: 001-0208)
- 0,27 $\mu$ F ( $\varnothing$  9mm - L: 19mm) (Product Index: 001-0210)
- 0,30 $\mu$ F ( $\varnothing$  9mm - L: 19mm) (Product Index: 001-0212)
- 0,33 $\mu$ F ( $\varnothing$  9mm - L: 25mm) (Product Index: 001-0214)
- 0,39 $\mu$ F ( $\varnothing$  9mm - L: 25mm) (Product Index: 001-0216)
- 0,43 $\mu$ F ( $\varnothing$  10mm - L: 25mm) (Product Index: 001-0218)
- 0,47 $\mu$ F ( $\varnothing$  10mm - L: 25mm) (Product Index: 001-0220)
- 0,51 $\mu$ F ( $\varnothing$  10mm - L: 25mm) (Product Index: 001-0222)
- 0,56 $\mu$ F ( $\varnothing$  11mm - L: 25mm) (Product Index: 001-0224)
- 0,68 $\mu$ F ( $\varnothing$  11mm - L: 25mm) (Product Index: 001-0226)
- 0,82 $\mu$ F ( $\varnothing$  12mm - L: 25mm) (Product Index: 001-0228)
- 1,00 $\mu$ F ( $\varnothing$  11mm - L: 31mm) (Product Index: 001-0230)
- 1,10 $\mu$ F ( $\varnothing$  12mm - L: 31mm) (Product Index: 001-0232)
- 1,20 $\mu$ F ( $\varnothing$  12mm - L: 31mm) (Product Index: 001-0234)
- 1,50 $\mu$ F ( $\varnothing$  14mm - L: 31mm) (Product Index: 001-0236)
- 1,60 $\mu$ F ( $\varnothing$  14mm - L: 26mm) (Product Index: 001-02366)

# VALUES AND SIZING

- ▶ 1,80 $\mu$ F ( $\emptyset$  15mm - L: 26mm) (Product Index: 001-0237)
- ▶ 2,00 $\mu$ F ( $\emptyset$  16mm - L: 31mm) (Product Index: 001-02372)
- ▶ 2,20 $\mu$ F ( $\emptyset$  15mm - L: 36mm) (Product Index: 001-0238)
- ▶ 2,40 $\mu$ F ( $\emptyset$  15mm - L: 35mm) (Product Index: 001-0239)
- ▶ 2,70 $\mu$ F ( $\emptyset$  17mm - L: 36mm) (Product Index: 001-0240)
- ▶ 3,00 $\mu$ F ( $\emptyset$  18mm - L: 36mm) (Product Index: 001-0241)
- ▶ 3,30 $\mu$ F ( $\emptyset$  18mm - L: 36mm) (Product Index: 001-0242)
- ▶ 3,60 $\mu$ F ( $\emptyset$  16mm - L: 36mm) (Product Index: 001-0244)
- ▶ 3,90 $\mu$ F ( $\emptyset$  17mm - L: 36mm) (Product Index: 001-0246)
- ▶ 4,10 $\mu$ F ( $\emptyset$  17mm - L: 36mm) (Product Index: 001-0247)
- ▶ 4,30 $\mu$ F ( $\emptyset$  17mm - L: 36mm) (Product Index: 001-0248)
- ▶ 4,50 $\mu$ F ( $\emptyset$  18mm - L: 36mm) (Product Index: 001-0249)
- ▶ 4,70 $\mu$ F ( $\emptyset$  18mm - L: 36mm) (Product Index: 001-0250)
- ▶ 5,10 $\mu$ F ( $\emptyset$  19mm - L: 36mm) (Product Index: 001-0252)
- ▶ 5,40 $\mu$ F ( $\emptyset$  20mm - L: 36mm) (Product Index: 001-0253)
- ▶ 5,60 $\mu$ F ( $\emptyset$  21mm - L: 36mm) (Product Index: 001-0254)
- ▶ 6,20 $\mu$ F ( $\emptyset$  21mm - L: 36mm) (Product Index: 001-0256)
- ▶ 6,80 $\mu$ F ( $\emptyset$  24mm - L: 36mm) (Product Index: 001-0258)
- ▶ 7,50 $\mu$ F ( $\emptyset$  23mm - L: 36mm) (Product Index: 001-0260)
- ▶ 8,20 $\mu$ F ( $\emptyset$  24mm - L: 36mm) (Product Index: 001-0262)
- ▶ 9,10 $\mu$ F ( $\emptyset$  25mm - L: 36mm) (Product Index: 001-0263)
- ▶ 10,00 $\mu$ F ( $\emptyset$  26mm - L: 36mm) (Product Index: 001-0264)

# VALUES AND SIZING

- ▶ 12,00µF (Ø 26mm - L: 44mm) (Product Index: 001-0266)
- ▶ 15,00µF (Ø 29mm - L: 44mm) (Product Index: 001-0268)
- ▶ 16,00µF (Ø 29mm - L: 44mm) (Product Index: 001-0269)
- ▶ 18,00µF (Ø 31mm - L: 44mm) (Product Index: 001-0270)
- ▶ 20,00µF (Ø 31mm - L: 44mm) (Product Index: 001-0271)
- ▶ 22,00µF (Ø 34mm - L: 44mm) (Product Index: 001-0272)
- ▶ 25,00µF (Ø 32mm - L: 58mm) (Product Index: 001-0273)
- ▶ 27,00µF (Ø 32mm - L: 58mm) (Product Index: 001-0274)
- ▶ 30,00µF (Ø 35mm - L: 58mm) (Product Index: 001-0276)
- ▶ 33,00µF (Ø 36mm - L: 58mm) (Product Index: 001-0278)
- ▶ 36,00µF (Ø 38mm - L: 56mm) (Product Index: 001-0279)
- ▶ 39,00µF (Ø 39mm - L: 58mm) (Product Index: 001-0280)
- ▶ 47,00µF (Ø 44mm - L: 58mm) (Product Index: 001-0282)
- ▶ 51,00µF (Ø 44mm - L: 58mm) (Product Index: 001-0283)
- ▶ 56,00µF (Ø 46mm - L: 58mm) (Product Index: 001-0284)
- ▶ 68,00µF (Ø 50mm - L: 58mm) (Product Index: 001-0286)
- ▶ 82,00µF (Ø 54mm - L: 58mm) (Product Index: 001-0288)
- ▶ 100,00µF (Ø 59mm - L: 58mm) (Product Index: 001-0290)
- ▶ 120,00µF (Ø 42mm - L: 112mm) (Product Index: 001-0292)
- ▶ 150,00µF (Ø 45mm - L: 112mm) (Product Index: 001-0294)
- ▶ 220,00µF (Ø 57mm - L: 112mm) (Product Index: 001-0296)
- ▶ 270,00µF (Ø 62mm - L: 112mm) (Product Index: 001-0298)
- ▶ 300,00µF (Ø 69mm - L: 112mm) (Product Index: 001-0299)