

Antenna Duplexers (SMD)

(For Cordless Telephones)

Series: **Y**

Type: **NA** (TX: 2 Poles, RX: 2 Poles)

NB (TX: 2 Poles, RX: 2 Poles)



Antenna Duplexers, Series Y (SMD) consisting of two different dielectric filter units for a transmitter and a receiver, are designed for applications to 800 to 900 MHz band cordless telephones (CT-1 and CT-1+)

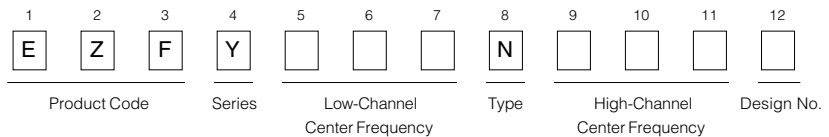
■ Features (as an example of EZFY886N931A)

- Miniature and lightweight (0.6 ml)
- Low insertion loss (TX and RX: 1.8 dB Typical)
- Large attenuation (TX and RX: 25 dB Typical)

■ Recommended Applications

- 800 to 900 MHz band cordless telephones (CT-1 and CT-1+)

■ Explanation of Part Numbers



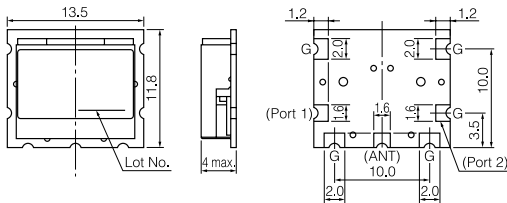
■ Ratings

Item	Ratings
Operating Temperature Range	-25 to +85 °C
Storage Temperature Range	-40 to +85 °C
Rated Input Power	TX: 1 W RX: 1 W
Input/Output Impedance	50 Ω

■ Characteristics

System	Part Number	Channel	Poles	Center Frequency (MHz)	Frequency Bandwidth (MHz)	Insertion Loss (dB)	Ripple (dB)	VSWR	Attenuation (dB)
CT-1	EZFY914N959A EZFY914N959B	Low	2	914.5	±0.5	2.2 max.	0.5 max.	2.0 max.	25 min. (at 959.5 MHz)
		High	2	959.5	±0.5	2.2 max.	0.5 max.	2.0 max.	25 min. (at 914.5 MHz)
CT-1+	EZFY886N931A EZFY886N931B	Low	2	886.0	±1.0	2.2 max.	0.5 max.	2.0 max.	25 min. (at 931.0 MHz)
		High	2	931.0	±1.0	2.2 max.	0.5 max.	2.0 max.	25 min. (at 886.0 MHz)

■ Dimensions in mm (not to scale)



	NA	NB
Port 1	Low	High
Port 2	High	Low

(Third angle projection)

■ Typical Characteristics

Frequency Characteristics

