

# 55X Series

## Flow Transducer

The Dielectric 550 Series Flow Transducers represent the state-of-the-art for monitoring air flow in pressurized telephone cables. The primary purpose of a flow transducer is to quickly detect changes in a pressurized system. The flow transducer is a tool that is used to indicate the seriousness of an alarm condition, accurately dispatch a technician to the leak location, and determine when the problem has been corrected.



### FEATURES

- High resolution detects and accurately pin-points leaks
- Improves protection of air pipe systems
- Increases dispatch accuracy with proper analysis of flow

### APPLICATIONS

- Air pipe panels
- Distribution panels
- Individual cables
- Remote air dryers
- Field manifold locations



## SPECIFICATIONS

PART NUMBER	INDOOR/OUTDOOR	SCFH	SCFD
FA551-10	Indoor	0-10	240
FA551-15	Outdoor	0-10	240
FA552-10	Indoor	0-20	480
FA552-15	Outdoor	0-20	480
FA553-10	Indoor	0-50	1200
FA553-15	Outdoor	0-50	1200
FA555-10	Indoor	0-100	2400
FA555-15	Outdoor	0-100	2400
FA556-10	Indoor	0-200	4800
FA556-15	Outdoor	0-200	4800

**Sensitivity:** 40-step range is responsive to changes as small as 0.25SCFH per step.

**Accuracy:** Within  $\pm 5\%$  of full flow over the entire range.

**Operating Temperature:** -40°F (-40°C) to +130°F (+54°C).

**Dimensions:** 4-11/16" high x 3-9/16" diameter.

**Weight:** 1.8 lbs.

**Construction:** Casings are of corrosion-resistant plated manganese bronze.

## DELIVERY INFORMATION

FA55x-10 Dielectric Flow Transducers come with 15 feet of #24 AWG Conductors in 3/8" O.D. Black Poly Tubing.

FA55x-15 Dielectric Flow Transducers come complete with Mounting Brackets, Mounting Screws and 15 feet of #24 AWG Conductors in 3/8" O.D. Black Poly Tubing.

## Specialists in Cable Pressurization

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