

UL AWM STYLE 20626  
CSA AWM I A/B II A/B FT-1  
300 VOLT

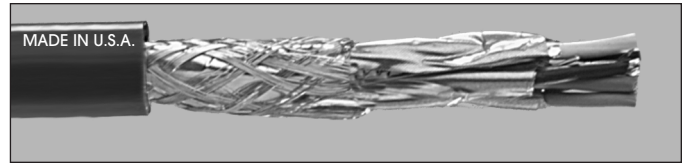
# Alpha Wire **INDUSTRIAL** SERIES

## SERVO RESOLVER CABLE/SERVER ENCODER CABLE

RESOLVER: MULTIPAIR, SHIELDED / ENCODER: MULTICONDUCTOR, SHIELDED

### SERIES **S**

## SERVO RESOLVER CABLE SERVO ENCODER CABLE OIL RESISTANT/FLEXIBLE



FOR SUPERIOR PERFORMANCE IN THE CONTROL AND MEASUREMENT OF SERVO MOTOR SYSTEMS

### CHOOSE SERIES S RESOLVER AND ENCODER CABLES FOR:

- Stationary or Flexing Applications
- Connecting to Motor Position Sensors, Processors and Controllers

### SERIES S RESOLVER AND ENCODER CABLE APPLICATIONS:

- The Regulation and Measurement of Motor Speeds and Positions For Use in Servo Motor Systems

#### COLOR CODE CHART

Pair No.	Color	Pair No.	Color
1	Black paired with Red	4	Black paired with Blue
2	Black paired with White	5	Black paired with Brown
3	Black paired with Green	6	Black paired with Yellow

#### FIT® TUBING RECOMMENDATION

**FIT®-600** – Highly Flexible, Irradiated Elastomer  
(See Page 131 for Product Specifications)

**FIT®-650** – Chemical and Temperature Resistant Irradiated Viton®  
(See Page 132 for Product Specifications)

### CHARACTERISTICS

#### OPERATING TEMPERATURE:

- 10°C to 80°C

#### VOLTAGE RATING:

- 300 Volt

#### COLOR DESCRIPTION:

- Color Code Resolver: See Chart Below at Left.
- Color Code Encoder: Brown, Black, Gray, Blue, White, Red, Pink, Green, Yellow
- Jacket Color: Black

#### PRODUCT DESCRIPTION RESOLVER:

- Conductor: Tinned Copper
- Insulation: Polyolefin
- Shield: Individual Foil and Overall Tinned Copper Braid
- Jacket: Specially Formulated Thermoplastic Elastomer

#### PRODUCT DESCRIPTION ENCODER:

- Conductor: Bare Copper
- Insulation: Polyolefin
- Shield: Overall Tinned Copper Braid
- Jacket: Specially Formulated Thermoplastic Elastomer

### SPECIFICATIONS

- UL AWM Style 20626
- CSA AWM I A/B II A/B FT-1



### AVAILABILITY

- In Stock: 100 ft (30,5m), 500 ft (152m) and 1000 ft (305m) put-ups

### SERIES S – RESOLVER CABLE

Alpha Part No.	No. of Pairs	Conductor		Jacket Thickness		Nominal Diameter	
		AWG	Strand	Inches	mm	Inches	mm
<b>S61403CY</b>	3	20	41/36	0.050	1,3	0.523	13,3
<b>S61404CY</b>	4	20	41/36	0.050	1,3	0.555	14,1
<b>S61406CY</b>	6	20	41/36	0.050	1,3	0.630	16,0

### SERIES S – ENCODER CABLE

Alpha Part No.	No. of Cond.	Conductor		Jacket Thickness		Nominal Diameter	
		AWG	Strand	Inches	mm	Inches	mm
<b>S61300CY</b>	9	20	26/34	0.033	0,8	0.370	9,3

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