

# ARMORED ELECTRONIC INSTRUMENT WIRE

## SHIELDED SINGLE PAIR (SERVED WIRE ARMOR) SHIELDED SINGLE TRIAD (SERVED WIRE ARMOR)

### Construction

#### Construction Specifications: Single Pair Shielded

- Conductor: 16 gauge 7 strand concentric bare copper, Class B.
- Primary Insulation: 15 mils nominal, 105°C PVC.
- Number of conductors per group: 2
- Color Code: Black and White.
- Lay of Twist: 2" nominal.
- Shield: 1.27 mils aluminum-Mylar\* tape shield and an 18 gauge 7 strand tinned copper drain wire.
- Inner & Outer Jacket: - 35 mils nominal black, FR PVC.
- Armor: Multiple strands of served soft annealed steel wire.

#### Single Triad Shielded

- Conductor: 16 gauge 7 strand concentric bare copper, Class B.
- Primary Insulation: 15 mils nominal, 105°C PVC.
- Number of conductors per group: 3
- Color Code: Black, White and Red.
- Lay of Twist: 2" nominal.
- Shield: 1.27 mils aluminum-Mylar\* tape shield and an 18 gauge 7 strand tinned copper drain wire.
- Inner & Outer Jacket: - 35 mils nominal black, FR PVC.
- Armor: Multiple strands of served soft annealed steel wire.

#### Application

- This product is UL listed as power limited tray cable for cable tray installations in NEC Class I, Division 2 and with restrictions in Class II, Division 2 hazardous areas. It is constructed in compliance with NEC Article 725 and has a 300-volt rating. The served wire armor offers cut through resistance and is suited for vertical drops.

### PRODUCT DIMENSIONS

CUSTOM CATALOG NUMBER	SIZE	NUMBER OF PAIRS	Overall Diameter Nominal/Maximum	Minimum Bend Radius	Maximum Pulling Tension	NET WEIGHT
	AWG/MCM		INCHES	INCHES	LBS.	LBS./MFT
SWA 4460	16	(1 pair)	.365/.413	5	158	117.0
SWA 4560	16	(1 triad)	.379/.428	5-1/4	164	133.0

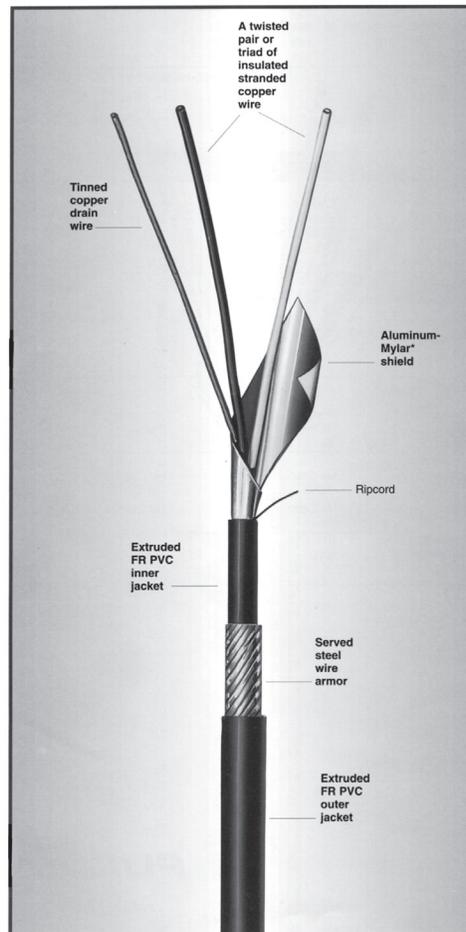
The specifications listed above are subject to change without notice. In any change, the product's performance will remain the same, or be improved.

Also available in 600 Volt configuration.

\* DuPont Trademark

\*\* Product has 20 mil jacket and is not UL listed.

\*\*\* Also available in other AWG sizes.



# Custom Cable Corp.