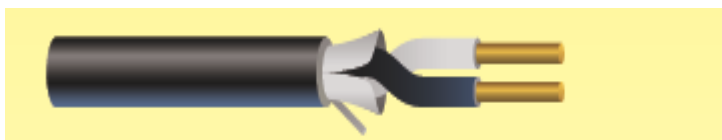


## SHIELDED TWISTED PAIR CABLE



<b>PART NUMBER:</b>	MGS228761
<b>DESCRIPTION:</b>	2/ 22 Standard Tinned Copper Wire
<b>CONSTRUCTION:</b>	This cable consists of stranded tinned copper insulated conductors and an overall jacket.

### Construction Parameters:

<b>Conductor:</b>	22 AWG stranded tinned copper
<b>Stranding:</b>	7/ 0.25mm tinned copper
<b>Insulation Material:</b>	PE
<b>Insulated Conductor Diameter:</b>	1.60mm
<b>Number of Conductors:</b>	1 pair
<b>Jacket Material:</b>	PVC
<b>Jacket Thickness:</b>	0.60mm
<b>Nom. Overall Cable Diameter:</b>	4.40mm
<b>Nom. Lay Length:</b>	38.20mm
<b>Approximate Cable Weight:</b>	16 (lbs./kft.)
<b>Twist Per:</b>	13 twists per 1 meter

### Electrical Properties:

<b>Voltage Test:</b>	500 DC V/I min
<b>DC Resistance per Conductor:</b>	<55.4 Ohm/km
<b>Capacitance between conductors @ 1 KHz:</b>	79 pF/m. Nom

### Physical Properties:

<b>Operating Temperature Range:</b>	-20 °C to 80 °C
<b>UL Temperature Rating:</b>	80 °C (UL AWM Style 2464)
<b>Flame Retardant Test:</b>	UL subject 758 VW-1

**Insulation Colors:** Black, Clear

**Jacket Color:** Gray

### Application:

The screen twisted data cable (TAE) is used for measuring, signaling, communicating and controlling purpose in various industries such as control panels, electronic devices, low voltage apparatus and communication building networks

The screen twisted cores reduce mutual influences from neighboring circuits

Product advantages: flexible, small outer diameter and small bending radius