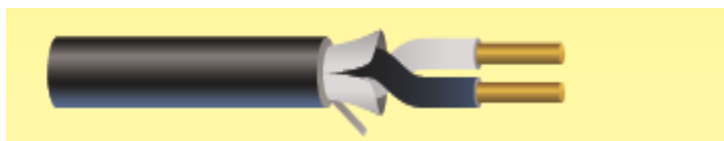


SHIELDED TWISTED PAIR CABLE



PART NUMBER:	MGS188760
DESCRIPTION:	2/ 18 Standard Tinned Copper Wire
CONSTRUCTION:	This cable consists of stranded tinned copper insulated conductors and an overall jacket.

Construction Parameters:

Conductor:	18 AWG stranded tinned copper
Stranding:	16 / 0.25mm tinned copper
Insulation Material:	PE
Nom. Insulation Thickness:	0.47mm
Insulated Conductor Diameter:	2.10mm
Number of Conductors:	1 pair
Jacket Material:	PVC
Jacket Thickness:	0.75mm
Nom. Overall Cable Diameter:	5.65mm
Nom. Lay Length:	63.50mm
Approximate Cable Weight:	26 (lbs./kft.)
Twist Per:	15 twists per 1 meter

Electrical Properties:

Voltage Test:	500 DC V/I min
DC Resistance per Conductor:	<24.7 Ohm/km
Capacitance between conductors @ 1 KHz:	79 pF/Km. Nom

Physical Properties:

Operating Temperature Range:	-20 °C to 80 °C
UL Temperature Rating:	80 °C (UL AWM Style 2464)
Flame Retardant Test:	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