

SHIELDED TWISTED PAIR CONTROL CABLE



PART NUMBER:	MGS222P-RS485
DESCRIPTION:	4/ 22 Standard Tinned Copper Wire
CONSTRUCTION:	This cable consists of stranded tinned copper insulated conductors and an overall jacket.

Construction Parameters :

Conductor:	22 AWG stranded tinned copper
Stranding:	7 / 0.250mm tinned copper
Insulation Material:	HDPE
Nom. Insulation Thickness:	0.63mm
Insulated Conductor Diameter:	2.03mm
Number of Conductors:	2 pairs
Jacket Material:	PVC
Jacket Thickness:	1.20mm
Nom. Overall Cable Diameter:	9.00mm
Twist Per:	11 twists per 1 meter

Drain Wire:	22 AWG stranded tinned copper
Construction:	7/ 0.25mm
Braiding:	90% coverage tinned copper

Electrical Properties :

Voltage Test:	2000V a.c/ 1 min
DC Resistance per Conductor:	55.0 Ohm/km
Capacitance between conductors @ 1 KHz:	50 pF/Km. Nom
Nom. Impedance:	120 Ω

Physical Properties :

Operating Temperature Range:	-15 °C to 80 °C
NEC /(UL) Specification:	CM

Insulation Colors : Black & White, Orange & White

Jacket Color : Black

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.