

IDC Ribbon cables

Grey 1.27mm (0.05 inches) pitch



Features:

- The first conductor is identified by a Red leading edge.
- It is used in internal connection for computer, duplicator, facsimile, game, interface and many other electronic equipments.

Specifications:

Conductor: Stranded

AWG size	: 28 AWG.
Number of strands in each conductor	: 7/0.127mm.
Lay of strands in each conductor	: 0.5 inch at least.
Cross sectional area	: 156 mil.
Material	: Tinned Copper.

Insulation:

Material of insulation	: Grey polyvinyl chloride (PVC).
Extruded PVC insulated singles bonded together.	
Insulation thickness average	: 9 mil.
Minimum insulation thickness	: 7 mil.

Physical properties: After 7 days air oven at 136°C

Average tensile strength	: 1500lbs/inch ² .
Percent of original	: 70% at least.
Average elongation	: 200%
Percent of original	: 65% at least.

Electronic characteristics:

Spark test	: 2500V.
Dielectric strength test	: Minimum 2KV in 1 minute.
Conductor resistance	: Maximum 237Ω/km.
Insulation resistance	: Minimum 100MΩ/km.
Capacitance	: 45pF/m.
Inductance	: 1.5μH/m.
Impedance	: 100Ω.
Propagation delay time	: 4.2ns/m.
Temperature rating	: 105°C.
Voltage rating	: 300V.
Reels	: 30.5m.