



Application

- ✓ To transmit electronic signals and control information among vehicle components.
- ✓ Used for bus, track, construction & agricultural equipment and stationary power systems.

Features

- ✓ Flame retardant
- ✓ Controlled Impedance
- ✓ Excellent abrasion resistance
- ✓ Extra flexibility
- ✓ Highly resistant against acids, lyes, Petrol and diesel
- ✓ Class C, 125°C Continuous rated
- ✓ Outstanding electrical properties
- ✓ Mud resistant.

Product Construction

- ✓ Conductor : Soft-annealed electrolytic Copper bare conductor
- ✓ Insulation : Electron Beam Cross Linked Polyolefin.
- ✓ Core identification : As per Customer order.
- ✓ Sheath : Electron Beam Cross Linked Polyolefin
- ✓ Colour : Black

Technical Data

- ✓ Temperature Range : - 40°C to +125°C (3000 Hours)
- ✓ Standard : SAEJ 1939/15
- ✓ Test Voltage : 1 kV
- ✓ Test Method : SAEJ1128
- ✓ Characteristic Impedance : 120 ± 12 Ω
- ✓ Specific Resistance : 50mΩ/m(Max)
- ✓ Specific Capacitance :40 pF/m
- ✓ Cable Bending Radius : 4 X Cable dia.
- ✓ UTP : Unshielded Twisted Pair

Automotive Cables

UTP125°C CAN BUS

| | | | | | |
|----------|-----------|------------|---------|-----------|----------------------------------|
| ISO 9001 | ISO 14001 | IATF 16949 | AS 9100 | ISO 45001 | IRIS TM Certification |
| | | | | | |

| Part Number | Conductor Construction | | | | Insulation Thickness Nom. | Core diameter | | Sheath Thickness Nom. | Cable diameter | |
|-------------|------------------------|----------------|-----------------|-------------------------|---------------------------|---------------|------|-----------------------|----------------|------|
| | Nominal Cross-Section | No. of Strands | Strand dia max. | Conductor Diameter Nom. | | Min | Max. | | Min. | Max. |
| | mm ² /AWG | Nos. | mm | mm | mm | mm | mm | mm | mm | mm |
| A0710601P | 0.5 mm ² | 7 | 0.32 | 0.98 | 0.4 | 1.9 | 2.8 | 0.8 | 5.08 | 7.6 |
| A0716001P | 0.8 mm ² | 19 | 0.23 | 1.16 | 0.4 | 2.03 | 3.05 | 1.0 | 5.3 | 8.2 |
| A0718101P | 18 AWG | 19 | 0.23 | 1.16 | 0.4 | 2.03 | 3.05 | 1.0 | 5.3 | 8.2 |
| A0718201P | 20 AWG | 7 | 0.32 | 0.98 | 0.4 | 1.9 | 2.8 | 0.8 | 5.08 | 7.6 |



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