

Application

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

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

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.

Automotive Cables

UTP125°C CAN BUS

2D View



Approvals Accreditations Certifications



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

** We have obtained various approvals, accreditations, and certifications — some of which may not be relevant to this catalog.



www.siechem.com