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### J-1939 Automotive Data and Communication Cable

Irradiated Cross-linked Polyolefin Controlled Impedance Data-bus Cable							
Lubker Distribution P/N	AWG Size	Number of Conductors	Conductor Stranding	Wall Nominal Insulation	Jacket Thickness	Nominal Diameter	Approx. Lbs./Mft.
<b>Unshielded - Single Jacket, Black (20AWG: -40C to 125C, 18AWG: -40C to 150C) (J-1939/15)</b>							
1939/2002BLK	20	2	7/28 Bare	0.022	0.03	0.209	20
1939/1802BLK	18	2	19/.23mm Bare	.025	.030	0.252	22
<b>Shielded - Aluminum/Polyester with Tin Plated Copper Drain Wire, Double Jacket, Black (-40C to 150C) (J-1939/11)</b>							
1939/2002SHBLK	20 (.5mm <sup>2</sup> )	2	19/.18mm Bare	0.03	0.03	0.335	51
1939/1802SHBLK	18	2	19/.23mm Bare	0.04	0.03	0.4	61

Irradiated Cross-linked Foam Polyolefin Controlled Impedance Data-bus Cable (-40C to 125C) (J-1939/11)							
Shielded - Aluminum/Polyester with Tin Plated Copper Drain Wire, Single Jacket, Black							
1939/2002SHBLK1	20 (.5mm <sup>2</sup> )	2	19/.18mm Bare	0.036	0.03	0.291	38
1939/1802SHBLK1	18	2	19/.23mm Tinned	0.046	0.03	0.352	45

Foam Polyethylene/PVC Controlled Impedance Data-bus Cable (90C/105C) (Similar to J-1939/11 - Shielded, Low-Temp Version)							
Shielded - Aluminum/Polyester with Tin Plated Copper Drain Wire, Grey Jacket							
1939/2002SHGRYPVC	20	2	7/28 Bare	0.032	0.022	0.243	28

- Color code green, yellow
- Can be used in electronic truck and bus, with drive train, safety and trailer functions.
- This cable supports the multiplexing network protocol while meeting all physical and mechanical requirements.
- This cable retains its controlled impedance characteristics even after bending and routing. It maintains an environmental seal even with standard connectors.
- The 150C & 125C versions of this cable are extremely resistant to the harsh chemicals and fluids in the power train and can be routed close to hot spots in the engine.
- This cable is designed for maximum protection against interference and can go anywhere in the trunk without fear of EMI & RFI.