



ATM ATM Series™ 2-Wire CAN



J1939/15 2-Wire CAN Connectors

Amphenol Sine Systems' **ATM Series™ 2-Wire CAN System** is offered in accordance with SAE J1939/15 requirements and can provide low amperage power splits. The "Y-Splitter" has three connection points and is used in conjunction with a standard ATM2S connector with specialized keyways identifying Inlet 1 and Outlet 2, and 2 position keyed plugs/receptacles with end caps and molded-in 120Ω resistors for network terminations.

Applications: Heavy Equipment, Agriculture, Construction, Transportation, Off-Road, Mining, Industrial, Railway, Automotive, Diagnostics, Marine, Water Resistance, Harsh Environments



Technical Specifications

Temperature Range	-55°C - +125°C	Min. Mating Cycles	> 100
Max. Current (AMP)	7.5A	IP Rating	IP67 in mated condition
Voltage Rating (AC/DC)	250V	Wire Range	20-22AWG
Contact Resistance	< 15mΩ	Housing Body	Thermoplastic
Contacts	Copper Alloy, Gold Plating	Insulation Resistance	1000 megohms at 25°C
Contact Size	20	Dielectric Withstanding Voltage	Less than 2 mA current leakage @ 1500V AC

Part Number	Description	Amperage	Voltage	AWG
ATM04-2P-P007	ATM, 6 Position, 2 Position Receptacle, Y Splitter (Contacts & Wedgelock Included)	7.5A	250	20-22
ATM04-2P-RA120GY	ATM, 2 Position, Receptacle, A Key, 120 OHM Resistor, Gray (Contacts & Wedgelock Included)	7.5A	250	20-22
ATM04-2P-RB120BK	ATM, 2 Position, Receptacle, B Key, 120 OHM Resistor, Black (Contacts & Wedgelock Included)	7.5A	250	20-22
ATM06-2S-R120GRY	ATM, 2 Position, Plug, A Key, 120 OHM, 1/2W, Gray, Endcap (Contacts & Wedgelock Included)	7.5A	250	20-22
ATM06-2S-RB120BK	ATM, 2 Position, Plug, B Key, 120 OHM Resistor, Black (Contacts & Wedgelock Included)	7.5A	250	20-22
AWM-2PA	ATM, 2 Position Pin Wedgelock, A Keyed	NA	NA	NA
AWM-2PB	ATM, 2 Position Pin Wedgelock, B Keyed	NA	NA	NA
AWM-2SA	ATM, 2 Position Socket Wedgelock, A Keyed	NA	NA	NA
AWM-2SB	ATM, 2 Position Socket Wedgelock, B Keyed	NA	NA	NA



A Series™ Family



Standard products. Custom solutions
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