



NWI DIRECT
In Stock. Buy Now!

NWI EXPRESS
5 Days Design to Deliver

FEATURES:

- Signal
- Control
- Instrumentation
- Power

DYNAMIC RANGE OF USE:

- 20 AWG or 18 AWG, data pairs, power, video or control, and tinned copper stranding, drain wire, multiple shielding options available
- Vehicle bus standard used for communication and diagnostics among vehicle components
- Light and heavy duty, on and off-road trucks and trailers, construction and agricultural equipment and implements, marine and stationary applications like generator sets

BENEFITS:

- Designed to exacting SAE J1939/11, SAE J1939/15 and SAE J1128 specification
- Compliant to RoHS2 and REACH standards
- Competitively priced
- Delivers consistent, reliable performance for your sophisticated, ruggedized data network
- Features a jacket that makes pulling and stripping faster and easier
- Withstands extreme conditions such as oil, fluids, equipment vibration and EMI/RFI interference
- Exceptional impedance consistency over the entire cable length-which increases the efficiency and safety of your equipment and provides dependability you can count on
- Type-Tough, waterproof TPR jacket offering high environmental performance
- Type-Cut Resistant, special elastomer construction featuring unsurpassed cut and abrasion resistance plus outstanding oil resistance

	SAE J1939/11	SAE J1939/15	SAE J1128
INSULATED CONDUCTORS			
Conductor Count	2+	2+	1
AWG (mm2)	20 - 18 (0.5 - 0.8)	20 - 18 (0.5 - 0.8)	24 - 8 (.22 - 8)
Material	XLPE	XLPE	XLPE
Minimum Wall Thickness in inches (mm)	Dependent on construction	Dependent on construction	Dependent on gauge size
OVERALL CABLING			
Fillers	✓	✓	-
Shielding	✓	✓	-
Wraps	✓	✓	-
OUTER JACKET			
Material	★	★	-
Color	★	★	-
Overall OD inches (mm)	Dependent on construction	Dependent on construction	Dependent on gauge size
ELECTRICAL			
Max. Operating Voltage	★	★	60
DC Resistance Max mΩ/ft (mΩ/m)	15.25 (50)	15.25 (50)	Dependent on construction
DC Resistance Nominal mΩ/ft (mΩ/m)	7.625 (25)	7.625 (25)	-
Impedance (Ω)	120 ± 10%	120 ± 10%	-
Capacitance pF/ft (pF/m)	22.9 (75) conductor to conductor 33.5 (110) conductor to shield	22.9 (75) conductor to conductor 33.5 (110) conductor to shield	-

EXTREME ENGINEERING:

