



NWI EXPRESS
5 Days Design to Deliver

FEATURES:

- Signal
- Instrumentation
- Control

BENEFITS:

- UL listed ITC/PLTC and approved for CE Mark
- Designed to exacting AS-i Standard
- Competitively priced
- Delivers consistent, reliable performance for your sophisticated industrial networking solution
- High flex, flame resistant, exposed run and direct burial listed versions available
- Rugged designs resistant to UV, chemicals, water, abrasion and more
- Versatile - suitable for use in Class I, Div 2 areas

- Custom color options available and industry standard orange, yellow or black
- Custom and composite options available
- Overmold and assembly compatible
- Retractable options

DYNAMIC RANGE OF USE:

- Designed for connecting simple I/O devices
- Used as a partnering device for higher level protocol cables such as Profibus®, DeviceNet™ and Industrial Ethernet

	AS-i Plus	AS-i
INSULATED CONDUCTORS		
Conductor Count	2	2
AWG (mm2)	16 (1.31)	16 (1.31)
Stranding	19 strand	19 strand
Material	PVC/Nylon	PVC
Minimum Wall Thickness inches (mm)	.014 / .004 (0.35 / .012)	.020 (0.51)
OUTER JACKET		
Material	PVC	PVC
Color	Black, Orange, Yellow, Blue	Black, Orange, Yellow, Blue
Overall OD inches (mm)	.285 (7.24)	.280 (7.11)
ELECTRICAL		
Max. Operating Voltage - UL	150V - 300V	150V - 300V
Resistance Max mΩ/ft (mΩ/m)	< 27.4 @ 167 kHz < 90 @ 167 kHz	< 27.4 @ 167 kHz < 90 @ 167 kHz
Impedance Ohms	70 - 140	70 - 140
Capacitance pF/ft (pF/m)	< 25 < 80	< 25 < 80
Inductance μH/ft (μH/m)	1312.3 - 4265.1 400 -1300	1312.3 - 4265.1 400 -1300

EXTREME ENGINEERING:



Products

SIGNAL, CONTROL + COMMUNICATION