



NWI DIRECT
In Stock. Buy Now!

NWI EXPRESS
5 Days Design to Deliver

FEATURES:

- Signal
- Instrumentation
- Control
- Power

BENEFITS:

- UL listed and approved for CE Mark, Power Limited Tray Cable and CL2 for factory-floor installations
- Compliant to CSA certified CMX-Outdoor-CMG and FT4, ANSI, NEC®, RoHS2 and REACH standards
- Conformance tested and passed by CLPA
- Constructed to comply with CC-Link® dedicated cable specification (Ver. 1.10)
- Versatile- suitable for use in Class I, Div 2 areas
- High-speed, reliability without the need for repeaters
- Two design options
 - Standard network cable
 - Standard network cable plus power pair

DYNAMIC RANGE OF USE:

- Tough plant environments
- Networked discrete factory automation, process control and instrumentation
- High-speed communication between controllers and intelligent field devices; I/Os, sensors and actuators

	Power Limited Tray Cable	Power Limited Tray Cable plus power pair
INSULATED CONDUCTORS		
Conductor Count	3	5
AWG (mm2)	20 (0.519)	20 and 18 (0.519 and 0.824)
Stranding - Minimum and Maximum Diameter of individual strands AWG in inches (mm)	.030 (0.762)	20 AWG .0121 (0.307) 18 AWG .030 (0.762)
Material	Foamed Polyethylene	Foamed Polyethylene PVC
Minimum Wall Thickness in inches (mm)	.028 (0.711)	.028 (0.711) .015 (0.381)
OVERALL CABLING		
Fillers	-	✓
Shielding	✓	✓
Armoring	-	-
Wraps	✓	✓
Strength Members	-	-
OUTER JACKET		
Material	PVC	PVC
Color	★ Custom colors available in addition to industry standard red	★ Custom colors available in addition to industry standard red
Overall OD and jacket thickness inches (mm)	.305, .035 (7.75, 0.889)	.413, .040 (10.49, 1.016)
ELECTRICAL		
Max. Operating Voltage - UL	300V	300V
DC Resistance Max	Reference UL 44	Reference UL 44
DC Resistance Nominal	Reference UL 44	Reference UL 44
Characteristic Impedance Ohms	110 nominal	110 nominal
Capacitance pF/ft (pF/m)	14 (45.9)	14 (45.9)
Velocity of Propagation	75% nominal	75% nominal

EXTREME ENGINEERING:



Products

SIGNAL, CONTROL + COMMUNICATION