



NWI DIRECT
In Stock. Buy Now!

NWI EXPRESS
5 Days Design to Deliver

FEATURES:

- Signal
- Control
- Power

BENEFITS:

- UL listed and CSA certified and approved for CE Mark
- Compliant to IEEE, NEC®, RoHS2 and REACH Standards
- Long life expectancy saves money

- Improves your machine vision performance
- Highly resistant to water, oil, UV, abrasion and weld flash
- Flame resistant
- Hybrid, composite and custom options available
- Over-mold and assembly compatible

	GigE Vision® (GEV 1000) Patch Cable	Power Over Ethernet™ PoE™	FireWire™ MVC-800	FireWire™ MVC-800EL (Extended Length)	USB™	Camera Link®	Power Over Camera Link® PoCL®	CCXC® Analog
INSULATED CONDUCTORS								
Conductor Count Configuration	8 (4 pairs)	8 (4 Pairs)	6 (2 Pairs, 2 singles)	6 (2 Pairs, 2 singles)	4 (1 Pair, 2 singles)	22 (11 shielded pairs)	24 (11 shielded pairs, 2 singles)	8 (4 coax, 4 singles)
AWG (mm ²)	24 (0.25)	24 (0.25)	22 (0.325) 26 (0.14)	22 (0.325) 24 (0.25)	22 (0.325) 26 (0.14)	28 (0.08)	28 (0.08)	24 (0.25) 30 (0.05)
Stranding - Nominal Diameter of individual strands AWG in inches (mm)	.005 (0.127)	.005 (0.127)	.0058 (0.147) .004 (0.102)	.0058 (0.147) .005 (0.127)	.0058 (0.147) .004 (0.102)	.005 (0.127)	.005 (0.127)	.005 (0.127) .0025 (0.064)
Material	Polypropylene	Polypropylene	Semi-Rigid PVC Foamed Polyethylene	Semi-Rigid PVC Foamed Polyethylene	Semi-Rigid PVC Foamed Polyethylene	Foamed Polyethylene	Foamed Polyethylene Semi-Rigid PVC	Semi-Rigid PVC Foamed Polyethylene
Insulation Wall Thickness inches (mm)	.008 (0.203)	.008 (0.203)	.006 (0.152) .015 (0.381)	.006 (0.152) .023 (0.584)	.006 (0.152) .009 (0.229)	.009 (0.229)	.009 (0.229) .006 (.152)	Insulation .006 (0.152) .019 (0.483) Sub Jacket .007 (0.178)
OVERALL CABLING								
Fillers	★	★	✓	✓	★	✓	✓	✓
Shielding	✓	✓	✓	✓	✓	✓	✓	✓
Armoring	★	★	★	★	★	★	★	★
Wraps	✓	✓	✓	✓	✓	✓	✓	✓
Strength Members	★	★	★	★	★	★	★	★
OUTER JACKET								
Material	PVC	PVC	PVC	PVC	PVC	PVC	PVC	PVC
Color	Dark Green Other Options Available	Dark Green Other Options Available	Dark Green Other Options Available	Dark Green Other Options Available	Dark Green Other Options Available	Dark Green Other Options Available	Dark Green Other Options Available	Dark Green Other Options Available
Minimum Acceptable Jacket Wall Thickness inches (mm)	.020 (0.508)	.020 (0.508)	.020 (0.508)	.030 (0.762)	.030 (0.762)	.030 (0.762)	.030 (0.762)	.030 (0.762)
ELECTRICAL								
Max. Operating Voltage - UL	30V	30V	30V	30V	30V	30V	30V	30V
DC Resistance Max	Reference UL 1581	Reference UL 1581	Reference UL 1581	Reference UL 1581	Reference UL 1581	Reference UL 1581	Reference UL 1581	Reference UL 1581
DC Resistance Nominal	See Chart C, Pg 166	See Chart C, Pg 166	See Chart C, Pg 166	See Chart C, Pg 166	See Chart C, Pg 166	See Chart C, Pg 166	See Chart C, Pg 166	See Chart C, Pg 166
Ampacity	See Chart A, Pg 165	See Chart A, Pg 165	See Chart A, Pg 165	See Chart A, Pg 165	See Chart A, Pg 165	See Chart A, Pg 165	See Chart A, Pg 165	See Chart A, Pg 165
Impedance Ohms	100 ± 15	100 ± 15	110 ± 6	110 ± 6	90 ± 15	100 ± 10	100 ± 10	75 ± 10
Mutual Capacitance pF/ft (pF/m)	-	-	-	-	-	15.0 ± 2 49.21	15.0 ± 2 49.21	-

FLEX:



EXTREME ENGINEERING:



Products

HIGH FLEX LIFE