



NWI EXPRESS
5 Days Design to Deliver

FEATURES:

- Control
- Instrumentation
- Power

BENEFITS:

- UL listed and CSA certified and approved for CE Mark
- Agency compliant to ANSI, NEC®, NFPA, RoHS2 and REACH standards
- Widely recognized
- Flexible for easy installation
- Resistant to cut, UV and oil PRI and PRII
- Flame resistant
- Silicone free

DYNAMIC RANGE OF USE:

- Versatile for use in single and multi-conductor applications
- Wet location use and industrial settings
- Can be used in:
 - TC-ER
 - ITC
 - PLTC
 - WTTC (1000V)

	TW, THW, THW-2, THHW	THWN, THWN-2, THHN	TW75, TW75, TWN75	T90
INSULATED CONDUCTORS				
Conductor Count	1	1	1	1
AWG (mm2)	14-2 (2.08 - 33.6)	14-2 (2.08 - 33.6)	14-2 (2.08 - 33.6)	14-2 (2.08 - 33.6)
Stranding - Minimum and Maximum Diameter of individual strands AWG in inches (mm)	14 .0063 - .0253 (.160 - .643) 12 .010 - .032 (.250 - .813) 10 .010 - .0385 (.250 - .978) 8 .0201 - .0508 (.510 - 1.29) 6 .0201 - .064 (.510 - 1.626) 4 .0469 - .0772 (1.191 - 1.961) 2 .0591 - .0974 (1.501 - 2.4740)	14 .0063 - .0253 (.160 - .643) 12 .010 - .032 (.250 - .813) 10 .010 - .0385 (.250 - .978) 8 .0201 - .0508 (.510 - 1.29) 6 .0201 - .064 (.510 - 1.626) 4 .0469 - .0772 (1.191 - 1.961) 2 .0591 - .0974 (1.501 - 2.4740)	14 .0063 - .0253 (.160 - .643) 12 .010 - .032 (.250 - .813) 10 .010 - .0385 (.250 - .978) 8 .0201 - .0508 (.510 - 1.29) 6 .0201 - .064 (.510 - 1.626) 4 .0469 - .0772 (1.191 - 1.961) 2 .0591 - .0974 (1.501 - 2.4740)	14 .0063 - .0253 (.160 - .643) 12 .010 - .032 (.250 - .813) 10 .010 - .0385 (.250 - .978) 8 .0201 - .0508 (.510 - 1.29) 6 .0201 - .064 (.510 - 1.626) 4 .0469 - .0772 (1.191 - 1.961) 2 .0591 - .0974 (1.501 - 2.4740)
Material	PVC	PVC/Nylon	PVC	PVC/Nylon
Minimum Wall Thickness AWG in inches (mm)	14-10 .030 (.76) 8 .045 (1.143)	14-12 .015 / .004 (0.38 / 0.10) 10 .020 / .005 (0.51 / 0.13) 8-6 .030 / .005 (0.76 / 0.13) 4-2 .040 / .006 (0.102 / 0.15)	14-10 .030 (.76) 8 .045 (1.143) 6-2 .060 (1.52)	14-12 .015 / .004 (0.38 / 0.10) 10 .020 / .005 (0.51 / 0.13) 8-6 .030 / .005 (0.76 / 0.13) 4-2 .040 / .006 (0.102 / 0.15)
OUTER JACKET				
Color	★*	★*	★*	★*
Overall OD inches (mm)	14 .200 (5.08) 12 .220 (5.59) 10 .240 (6.10) 8 .330 (8.38) 6 .375 (9.53) 4 .430 (10.92) 2 .500 (12.7)	14 .208 (5.28) 12 .228 (5.79) 10 .248 (6.30) 8 .340 (8.64) 6 .385 (9.78) 4 .443 (11.25) 2 .512 (13.00)	14 .200 (5.08) 12 .220 (5.59) 10 .240 (6.10) 8 .330 (8.38) 6 .375 (9.53) 4 .430 (10.92) 2 .500 (12.7)	14 .208 (5.28) 12 .228 (5.79) 10 .248 (6.30) 8 .340 (8.64) 6 .385 (9.78) 4 .443 (11.25) 2 .512 (13.00)
ELECTRICAL				
Max. Operating Voltage - UL	600V	600V	600V	600V
DC Resistance Max	Reference UL 83	Reference UL 83	Reference UL 83	Reference UL 83
DC Resistance Nominal	See Chart C, Page 166	See Chart C, Page 166	See Chart C, Page 166	See Chart C, Page 166
Ampacity	NFPA 70	NFPA 70	NFPA 70	NFPA 70

*Custom color options available for insulation only

FLEX:



EXTREME ENGINEERING:



Products

AGENCY STANDARDS