

# MSC



**NWI EXPRESS**  
5 Days Design to Deliver

## FEATURES:

- Signal
- Control
- Instrumentation
- Power

## BENEFITS:

- UL listed and CSA 245 certified and approved for CE Mark
- Compliant to ANSI, IEEE, ABS, USCG, RoHS2 and REACH Standards
- Arctic rated
- Superior flexibility - torsional, rolling, variable, bend and continuous
- Long life expectancy
- Meets 1,000 hour weatherometer requirement

- Oil resistant to marine standards
- Resistant to water, UV and weld slag
- Approved for all colors
- Options for armored shield, over-braid, foil, composite and custom designs

## DYNAMIC RANGE OF USE:

- Marine environments
- Aboard offshore and fixed oil drilling rigs

	RIG 300™		Extreme Frigid Flex RIG™		
<b>INSULATED CONDUCTORS</b>					
Conductor Count	Up to 60 pairs		Up to 60 pairs		
AWG (mm2)	Dependent on type - no AWG restrictions Otherwise 22 - 10 (0.325, 5.26)		Dependent on type - no AWG restrictions Otherwise 22 - 10 (0.325, 5.26)		
AWG Minimum Strand Count	★		★		
Material	PVC	PVC/Nylon	XLPE	PVC	PVC/Nylon
Insulation Wall Thickness AWG in inches (mm)	22-19 .020 (0.50) 18-16 .020 (0.50)	22-19 .015 / .004 (0.37 / 0.10) 18-16 .015 / .004 (0.37 / 0.10)	22-19 .015 (0.28) 18-16 .020 (0.50)	22-19 .020 (0.50) 18-16 .020 (0.50)	22-19 .015 / .004 (0.37 / 0.10) 18-16 .015 / .004 (0.37 / 0.10)
	Control and Distribution options available		Control and Distribution options available		
<b>OVERALL CABLING</b>					
Fillers	★		★		
Ground	★		★		
Shielding	★		★		
Armoring	★		★		
Wraps	★		★		
Strength Members	★		★		
<b>OUTER JACKET</b>					
Material	PVC		TPE		
Color	★		★		
Overall OD inches (mm)	Dependent on AWG size and number of conductors		Dependent on AWG size and number of conductors		
<b>ELECTRICAL</b>					
Max. Operating Voltage - UL	Signal 300V, Control and Distribution 600/1000V		Signal 300V, Control and Distribution 600/1000V		

Products

UNDERWATER

## FLEX:



## EXTREME ENGINEERING:

