

Industrial I/O, Sensor and Interface Cables

Components Express, Inc. Application Reference for: Industrial Sensor, Actuator & Interface Cables	Cable #: 1 28 Awg 5C	Cable #: 2 28 Awg 8C	Cable #: 3 24 Awg 12C	Cable #: 4 26 Awg 17C	Cable #: 5 26 Awg 4P CAT 6 SSTP	Cable #: 6 26 Awg 4P CAT 6A ROBOTIC	Cable #: 7 26 Awg 4P CAT 5E ROBOTIC	Cable #: 8 26 Awg 4P CET 5E C-TRACK	Cable #: 9 26 Awg 4P CAT 5E INDUSTRIAL	Cable #: A 18 Awg 5C	Cable #: B 18 Awg 5C	Cable #: C 22 Awg 5C	Cable #: D 26 Awg 5C	Cable #: E 24 Awg 5C CAT 5E HI-FLEX	Cable #: F 22 Awg 5C IND. HI-FLEX
Connector Compatibility															
Modular - RJ45, #: 1 - 18					1 - 18	1 - 18	1 - 18	1 - 18	1 - 18					1 - 18	
Ethernet - IX-10A, #: 19									X						
M12, 5P, A Coded, #: A - B	X									X	X	X	X		
M12, 8P, A Coded, #: C, D, T, U		X			X	X	X	X	X					X	X
M12, 12P, A Coded, #: E - F			X												
M12, 17P, A Coded, #: G - H				X											
M12, 4P, D Coded, #: J - K	X				X	X	X	X	X					X	X
M12, 8P, X Coded, #: L, M, R, S					X	X	X	X	X					X	X
M12, 4P, A Coded, #: P - Q	X									X	X	X	X		
Application:															
Signal & I/O Only	X	X	X	X											
Cat 6 Ethernet					X										
Cat 6a 10 GiG Ethernet						X									
Cat 5e Ethernet							X	X	X					X	
Power & I/O										X	X	X	X		
Cat 5e Ethernet, PLTC															X
Shielding:															
Foil & Drain	X	X	X	X											
Foil & Braid					X	X	X	X	X					X	X
No Shielding										X	X	X	X		
Mechanical:															
Static	X	X	X		X										
Robotic				X		X	X								
C-Track								X							
Industrial CMX						X	X		X						
High Flex CMX									X	X	X	X	X	X	X
Environment:															
Outdoor						X	X		X					X	
Sunlight						X	X		X					X	X
Weld Splatter						X	X		X					X	X
Oil / Solvent						X	X	X	X					X	X
Abrasion								X							
Max. Length:															
60 Meters	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Outer Jacket Material:															
PVC	X	X	X		X					X	X	X			
PUR Halogen Free								X							
TPU				X									X		
TPE					X	X			X					X	X
Jacket Color:															
Black	X	X	X	X	X				X	X		X	X		
Teal						X	X							X	X
Violet								X							
Yellow											X				