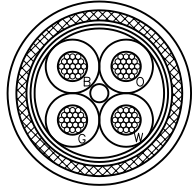


Wire Codes - High-Speed

HIGH SPEED CONNECTOR - WIRE CODES		
1	100 OHM 24 AWG	QUADRAX
2	100 OHM 26 AWG	QUADRAX
3	100 OHM 28 AWG	QUADRAX
4	100 OHM 30 AWG	QUADRAX
5	110 OHM 24 AWG	QUADRAX
6	110 OHM 26 AWG	QUADRAX
7	110 OHM 28 AWG	QUADRAX
8	110 OHM 30 AWG	QUADRAX

QUADRAX CABLE CONSTRUCTION	
CONDUCTORS -	SILVER PLATED COPPER ALLOY
INSULATION -	FEP
CABLE -	PLANETARY TWIST WITH FILLER IN CORE
BINDER -	PTFE TAPE
INNER SHIELD -	ALUMINIZED MYLAR FACING OUT
OUTER SHIELD -	BRAIDED SILVER PLATED COPPER
	95% MINIMUM COVERAGE
MARKER TAPE -	POLYIMIDE TAPE
JACKET -	TRANSLUCENT FEP
DIFFERENTIAL PAIRS -	
	PAIR 1 - BLUE (POS M1) - WHITE (POS M3)
	PAIR 2 - ORANGE (POS M2) - GREEN (POS M4)
TEMPERATURE -	-55°C TO +125°C
DIFFERENTIAL IMPEDANCE -	
	100Ω ± 10Ω
	110Ω ± 6Ω
DELAY SKEW WITHIN PAIR -	
	4.0 ps/ft MAX



Wire Codes - Signal

HIGH SPEED CONNECTOR - SIGNAL WIRE CODES		
A	SAE AS22759/11-24	TEN REPEATING COLORS PER M83513
B	SAE AS22759/11-24	NON-REPEATING COLORS PER MIL-STD-681
C	SAE AS22759/11-24	WHITE
D	SAE AS22759/11-26	TEN REPEATING COLORS PER M83513
E	SAE AS22759/11-26	NON-REPEATING COLORS PER MIL-STD-681
F	SAE AS22759/11-26	WHITE
G	SAE AS22759/11-28	TEN REPEATING COLORS PER M83513
H	SAE AS22759/11-28	WHITE
J	SAE AS22759/33-24*** ☒	TEN REPEATING COLORS PER M83513
K	SAE AS22759/33-24*** ☒	WHITE
L	SAE AS22759/33-26*** ☒	TEN REPEATING COLORS PER M83513
M	SAE AS22759/33-26*** ☒	WHITE
N	SAE AS22759/33-28*** ☒	TEN REPEATING COLORS PER M83513
P	SAE AS22759/33-28*** ☒	WHITE
Q	SAE AS22759/33-30*** ☒	TEN REPEATING COLORS PER M83513
R	SAE AS22759/33-30*** ☒	WHITE
S	NEMA HP3-EXBEB	24 AWG NON-REPEATING COLORS PER MIL-STD-681
T	NEMA HP3-EXBEB	24 AWG WHITE
U	NEMA HP3-EXBDB	26 AWG NON-REPEATING COLORS PER MIL-STD-681
V	NEMA HP3-EXBDB	26 AWG WHITE
W	NEMA HP3-EXBCB	28 AWG NON-REPEATING COLORS PER MIL-STD-681
X	NEMA HP3-EXBCB	28 AWG WHITE
Y	NEMA HP3-EXBBB	30 AWG TEN REPEATING COLORS PER M83513
Z	NEMA HP3-EXBBB	30 AWG WHITE

NOTES:

1. Additional High Speed Cable types are available as standard options (ie. Drain wire, TwinAx, Shielded Pairs, Shielded Pair Quad, Twisted Pair Quad, etc). Contact AirBorn for construction specifications of alternate cable.
 2. Additional wire types are available as standard options (ie. Twisted Pair, Shielded, Braid, etc.)
- *** = Corrosion has been experienced on connectors that are pre-wired with M22759/33 and stored in sealed environments.
 Caution in packaging and storage should be exercised when using this wire.
- ☒ = Option not RoHS compliant.

Hardware, Polarized Keying #4-40 UNC

11		21		31		41		51		61	
12		22		32		42		52		62	
13		23		33		43		53		63	
14		24		34		44		54		64	
15		25		35		45		55		65	
16		26		36		46		56		66	

Select the appropriate two digit number above and include as the last two digits of the hardware code in the part number.
(Keying hardware is factory installed and non-removable).

Example:
MMHS-03L2-12D-197-2J11
MKHS-03R2-200-275-2N11

