

HIGH SPEED I/O CONNECTIONS



AIRMAX VS® CONNECTOR SYSTEM INFORMATION

- Documentation
 - EyeMax®
 - DensiShield™
 - Mini – Multilane SAS/SATA

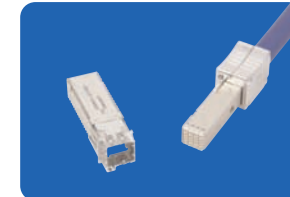
EYEMAX® HIGH-SPEED COPPER LINKS

- CX4
- Infiniband®
- SFF8470
- Fibre Channel



DENSISHIELD™ I/O SYSTEM

- CX4
- Infiniband®



MINI-MULTILANE SAS/SATA ASSEMBLIES

- SFF8086
- SFF8088





EyeMax Capabilities Matrix

Performance Level	Unequalized Cable Length														
	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m	11m	12m	13m	14m	15m
SDR	30	30	30	28	26	24									
DDR	30	28	24												
CX4	30	30	30	30	30	30	30	28	28	26	26	24	24		

Note: Values shown above are defined as the AWG cable wire size that meets Infiniband Architecture Release 1.2.1 and IEEE 802.3ak-2004 (CX4) requirements for given cable length

Mini-SAS/SATA Capabilities Matrix

Performance Level	Unequalized cable length								
	1m	2m	3m	4m	5m	6m	7m	8m	9m
SAS	28	28	28	26	26	24			
SATA	28	26	28	26	26	24			

Note: Values shown above are defined as the AWG cable wire size that meets Serial ATA Revision 2.6 and T10 / 1760-D revision 10 SAS-2 requirements for given cable length

DensiShield™ Capabilities Matrix

Performance Level	Unequalized cable length												
	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m	11m	12m	13m
Infiniband - SDR	30	30	30	26	26								
Infiniband - DDR	30	26	26										
Infiniband - QDR	26												
10G - Ethernet - CX4	30	30	30	30	30	30	30	26	26	26	26	26	

Note: Values shown above are defined as the AWG cable wire size that meets Infiniband Architecture Release 1.2.1 and IEEE 802.3ak-2004 (CX4) requirements for given cable length