

# Meritec High Performance 4X (SFF-8470) Cable Assemblies

## Data Rate - Wire Gauge vs. Performance over Length

Length, Meters ->		0.5	1	1.5	2	2.5	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8	8.5	9	10	11	12	13	14	15	16	17	18	19	20	21	18	19	20	21			
<b>30 AWG</b>																																						
IB SDR	2.5 Gbps																																					
IB DDR*	5.0 Gbps																																					
IB QDR	10.0 Gbps																																					
CX4	3.125 Gbps																																					
<b>28 AWG</b>																																						
IB SDR	2.5 Gbps																																					
IB DDR*	5.0 Gbps																																					
IB QDR	10.0 Gbps																																					
CX4	3.125 Gbps																																					
<b>26 AWG</b>																																						
IB SDR	2.5 Gbps																																					
IB DDR*	5.0 Gbps																																					
IB QDR	10.0 Gbps																																					
CX4	3.125 Gbps																																					
<b>24 AWG</b>																																						
IB SDR	2.5 Gbps																																					
IB DDR*	5.0 Gbps																																					
IB QDR	10.0 Gbps																																					
CX4	3.125 Gbps																																					

**IB refers to InfiniBand™ Trade Association Specification / CX4 refers to the 10GBase Ethernet-CX4 Specification.**  
**\*The InfiniBand DDR lengths for each gauge are based on Meritec's testing with a Qlogic/Silverstorm 24 port Switch P/N 9024-CU24-ST2-DDR using the outermost (worst-case) mezzanine ports (top row, extreme left and right-hand)**

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