



Tektronix[®]

Standard/Technology	Recommended Bandwidth	Transmitter Testing Recommendation	Receiver Testing Recommendation
USB 2.0	2.5 GHz	DPO7254C	BSA85C
USB 3.0 (5 Gb/s)	12.5GHz	DSA71254C	BSA85C
USB 3.0 SuperSpeed+ (10 Gb/s)	25GHz	DSA72504D	BSA125C
Thunderbolt (10 Gb/s)	16GHz	DSA71604C	BSA125C
SATA 2 (3 Gb/s)	6GHz	DSA70604C	BSA85C
SAS 2 (6 Gb/s)	12.5GHz	DSA71254C	BSA85C
SATA 3 (6 Gb/s)	12.5GHz	DSA71254C	BSA85C
SAS 3 (12 Gb/s)	23GHz	DSA72504D	BSA125C
PCIe2 (5 Gb/s)	12.5GHz	DSA71254C	BSA85C
PCIe3 (8 Gb/s)	16GHz	DSA71604C	BSA85C
PCIe4 (16 Gb/s)	32 GHz	DSA73304D	BSA175C
DDR3 (800Mb-2.4 Gb/s)	8 GHz	MSO70804C	N/A
DDR 4 (to 3.2 Gb/s)	16 GHz	MSO71604C	N/A
HDMI 1.3 (3.4 Gb/s)	8GHz	DSA70804C	AWG7122C
- 1.4 (3.4 Gb/s)	8GHz	DSA70804C	AWG7122C
Display Port 1.1 (2.7 Gb/s)	5GHz	DSA70604C	BSA85C
- 1.2 (5.4 Gb/s)	8GHz	DSA70804C	BSA85C
MHL 1.2 (2.25 GBps)	8GHz	DSA70804C	AWG7122C
MIPI -			
- M-PHY (1.25/1.46 Gb/s)	6GHz	DSA70604C	AWG7082C
- M-PHY (5/5.8 Gb/s)	8GHz	DSA70804C	AWG7122C
Ethernet - 10GBASE-KR,-T	16GHz	DSA71604C	BSA125C
- SFP+/SFI	16GHz	DSA71604C	BSA125C
- 40/100GBASE CRn,KRn	50GHz	DSA8300 w/80C10C	BSA286C
25 Gb Phy KR, CR for 100G	40GHz	DSA8300 w/80E09B	BSA286C
CEI-25G	40GHz	DSA8300 w/80C10C	BSA286C