# CBS formula for DWC GMAC: -

Reference doc - DWC\_ether\_qos\_databook\_5.10a 3.pdf

CBS formula: -

Mode = 100Mbps

portTransmitRate = 100 Mbps

idleSlope = 70 Mbps (assuming 70% bandwidth reserved for a higher priority traffic class)

sendSlope = 30 Mbps

Cycle time for various speed modes: -

1 cycle time for 100Mbps = 40ns

ideleSlope: - Credit being accumulated when transmission is false

1s accumulates total credits in bits = 70M bits