

Bullet	802.3cz Current	802.3cz modified	802.3dh new
1	Preserve the IEEE 802.3/Ethernet frame format at the MAC client service interface	As it is	As it is
2	Preserve minimum and maximum frame size of the current IEEE 802.3 standard	As it is	As it is
3	Support full duplex operation only	As it is	As it is
4	Define optional startup procedure which enables the time from power_on=FALSE to a state capable of transmitting and receiving valid data to be less than 100ms	As it is	As it is
5	Support data rates of 2.5 Gb/s, 5 Gb/s, 10 Gb/s, 25 Gb/s, and 50 Gb/s at the MAC/PLS service interface	As it is	Support data rates of 2.5 Gb/s, 5 Gb/s, 10 Gb/s, and 25 Gb/s, and 50 Gb/s at the MAC/PLS service interface
6	Support optional Energy Efficient Ethernet optimized for automotive applications	As it is	As it is
7	Support operation in automotive environments (e.g., EMC, temperature)	As it is	As it is
8	Do not preclude meeting FCC and CISPR EMC requirements	As it is	As it is
9	Define the performance characteristics of an automotive link segment and an optical PHY to support 2.5 Gb/s point-to-point operation over this link segment supporting up to 4 inline connectors for at least 40 m on at least one type of automotive optical cabling	Define the performance characteristics of an automotive link segment and an optical PHY to support 2.5 Gb/s point-to-point operation over this link segment supporting up to 4 inline connectors for at least 40 m using graded-index glass optical fiber	Define the performance characteristics of an automotive link segment and an optical PHY to support 2.5 Gb/s point-to-point operation over this link segment supporting up to 3 inline connectors for at least 15 m using graded-index plastic optical fiber
10	Define the performance characteristics of an automotive link segment and an optical PHY to support 5 Gb/s point-to-point operation over this link segment supporting up to 4 inline connectors for at least 40 m on at least one type of automotive optical cabling	Define the performance characteristics of an automotive link segment and an optical PHY to support 5 Gb/s point-to-point operation over this link segment supporting up to 4 inline connectors for at least 40 m using graded-index glass optical fiber	Define the performance characteristics of an automotive link segment and an optical PHY to support 5 Gb/s point-to-point operation over this link segment supporting up to 3 inline connectors for at least 15 m using graded-index plastic optical fiber
11	Define the performance characteristics of an automotive link segment and an optical PHY to support 10 Gb/s point-to-point operation over this link segment supporting up to 4 inline connectors for at least 40 m on at least one type of automotive optical cabling	Define the performance characteristics of an automotive link segment and an optical PHY to support 10 Gb/s point-to-point operation over this link segment supporting up to 4 inline connectors for at least 40 m using graded-index glass optical fiber	Define the performance characteristics of an automotive link segment and an optical PHY to support 10 Gb/s point-to-point operation over this link segment supporting up to 3 inline connectors for at least 15 m using graded-index plastic optical fiber
12	Define the performance characteristics of an automotive link segment and an optical PHY to support 25 Gb/s point-to-point operation over this link segment supporting up to 4 inline connectors for at least 40 m on at least one type of automotive optical cabling	Define the performance characteristics of an automotive link segment and an optical PHY to support 25 Gb/s point-to-point operation over this link segment supporting up to 4 inline connectors for at least 40 m using graded-index glass optical fiber	Define the performance characteristics of an automotive link segment and an optical PHY to support 25 Gb/s point-to-point operation over this link segment supporting up to 2 inline connectors for at least 15 m using graded-index plastic optical fiber
13	Define the performance characteristics of an automotive link segment and an optical PHY to support 50 Gb/s point-to-point operation over this link segment supporting up to 2 inline connectors for at least 15 m on at least one type of automotive optical cabling	Define the performance characteristics of an automotive link segment and an optical PHY to support 50 Gb/s point-to-point operation over this link segment supporting up to 2 inline connectors for at least 40 m using graded-index glass optical fiber	Delete
14	Support a Bit Error Ratio better than or equal to 10 ⁻¹² at the MAC/PLS service interface (or the frame loss ratio equivalent)	As it is	As it is