200GMMF SG Approved Objectives (1 of 3)

Non-Rate Specific

- Support full-duplex operation only
- Preserve the Ethernet frame format utilizing the Ethernet MAC
- Preserve minimum and maximum FrameSize of current IEEE 802.3 standard
- Support a BER of better than or equal to 10 -13 at the MAC/PLS service interface (or the frame loss ratio equivalent)

200GMMF SG Approved Objectives (2 of 3)

200 Gb/s Related

- Support a MAC data rate of 200 Gb/s
- Define a physical layer specification that supports 200 Gb/s operation:
 - over 1 pair of MMF with lengths up to at least 30 m
 - over 1 pair of MMF with lengths up to at least 50 m

400 Gb/s Related

- Support a MAC data rate of 400 Gb/s
- Define a physical layer specification that supports 400 Gb/s operation:
 - over 2 pairs of MMF with lengths up to at least 30 m
 - over 2 pairs of MMF with lengths up to at least 50 m

200GMMF SG Approved Objectives (3 of 3)

800 Gb/s Related

- Support a MAC data rate of 800 Gb/s
- Define a physical layer specification that supports 800 Gb/s operation:
 - over 4 pairs of MMF with lengths up to at least 30 m
 - over 4 pairs of MMF with lengths up to at least 50 m

1.6 Tb/s Related

- Support a MAC data rate of 1.6 Tb/s
- Define a physical layer specification that supports 1.6 Tb/s operation:
 - over 8 pairs of MMF with lengths up to at least 30 m
 - over 8 pairs of MMF with lengths up to at least 50 m