

Recommended changes for editors note in 110A-5:

Replace page 223 lines 39-50

Replace:

This subclause provides information on channel insertion losses for intended topologies ranging from 0.5 m to 5 m and 3 m in length. The maximum channel insertion loss associated with the 5 m topology is determined using Equation (110A–1). The channel insertion loss budget at 12.8906 GHz for the 5 m topology is illustrated in Figure 110A–1.

With:

This subclause provides information on channel insertion losses for the maximum and minimum cabling topologies.

The maximum channel insertion loss associated with the CA-L, CA-S and CA-N topologies is determined using Equation (110A-1). The channel insertion loss budget at 12.8906 GHz for the CA-L topology is illustrated in Figure 110A-1.

$$IL_{\rm Chmax}(f) = IL_{\rm Camax}(f) + 2IL_{Host}(f) - 2IL_{\rm MatedTF}(f) \text{for } 0.05 \text{ GHz} \le f \le 19 \text{ GHz}$$
 (110A-1) for 0.05 GHz $\le f \le 19 \text{ GHz}$

Where

f	is the frequency in GHz
$IL_{Chmax}(f)$	is the maximum channel insertion loss in dB between TPO and TP5 representative of the cable assembly and a maximum host channel
$IL_{Camax}(f)$	is the maximum cable assembly insertion loss in meters
$2IL_{Host}(f)$	is the maximum insertion loss from TPO to TP2 or TP3 to TP5 using Equation (92-8)
$2IL_{MatedTF}(f)$	is the nominal insertion loss of the mated test fixture using Equation (92A-4)

Insert the following table:

Table 110A-1: Cable insertion loss budget values

Cable distance	$IL_{Chmax}(f)$	$IL_{Camax}(f)$	$2IL_{Host}(f)$	$2IL_{MatedTF}(f)$	Units
CA-L	35	22.48	2x9.85	2x3.59	dB
CA-S	29	16.48	2x9.85	2x3.59	dB
CA-N	25.5	12.98	2x9.85	2x3.59	dB

Delete '0.5m' from the equation variables (110A-2) and line 22.