

Table 55-13 – Calculated PSANEXT constants for the cabling types

Cabling Type	IL @ 250MHz (dB)	PSANEXT Constant (dB)	PSANEXT_Constant_Avg Average of 4 pairs (dB)
Category 6 / Class E	35.9 <sup>a</sup> / 20.3 <sup>b</sup>	62 <sup>a</sup> / 47 <sup>b</sup>	63 <sup>a</sup> / 48 <sup>b</sup>
Category 6A / new Class E	33.8	60	61
Class F	33.8	60	61

a. Link segment length of 100m

b. Link segment length of 55m

Table 55-15 – Calculated PSAELFEXT constants for the cabling types

Cabling Type	IL @ 250MHz (dB)	PSAELFEXT Constant (dB)	PSAELFEXT_Constant_Avg Average of 4 pairs (dB)
Category 6 / Class E	35.9 <sup>a</sup> / 20.3 <sup>b</sup>	37.9 <sup>a</sup> / 33.7 <sup>b</sup>	41.9 <sup>a</sup> / 37.7 <sup>b</sup>
Category 6A / new Class E	33.8	37	41
Class F	33.8	37	41

a. Link segment length of 100m

b. Link segment length of 55m