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S comment

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(1055talk 2 - 42,967 dB)

ii) Since there is the addition of the terminated and there will not be any power that will appear on the other side. As the Signal is sent to the terminated and in the middle section the Podropladd 20

Crosstalle 20

b) Gaussian Statistics.

Hillwy

3 BER = 2 MSNR - SNR

2 MSNR BER = e

1 (2 MSNR BER) 2-SNR

1 (2) + 1/2 (MSNR) + 1/2 (BER) 2-SNR

1/2 (MSNR) + SNR 2 - 1/2) - 1/2 (BER)

2 NR = 24, 8

(SNR = 24, 8

d) i) hereare fiber insulation to shireld from external noise 3) herere the signal power to increase 5 of the signal.

4-a) desta Refor to Matlab code.

1. In order for error fre transmission BER210'2

BER 2 10-12.

BER as 2-1200B

for BER dB = - 120dB, the OSNR dB = 19,8AB

BER = 4,0457 x10-4