

Wobble & Friction Loss

$$P_x = P_o e^{-(kx + \mu\alpha)} = P_o e^{-\left[k + \left(\frac{\mu}{R}\right)\right]x}$$

For MS Sheathing:

COEFFICIENTS	CODAL RECOMMENDATION		VALUE OBTAINED FROM MOCK UP
	IS:1343-1980	RCC-G	
WOBBLE COEFFICIENT (k)	0.002	0.0016	0.0015
FRICITION COEFFICIENT (μ)	0.24	0.18	0.18

For HDPE Sheathing: $k = 0.002 / \text{m}$, $\mu = 0.17 / \text{degree angle}$
(Co-efficients obtained from stressing of cables in actual structure)