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| ***Primary input parameters and output values*** | |
| *mdp* | controlling |
| *dist* | distance |
| *hg* | Antenna structural heights |
| *wn* | Wave number |
| *dh* | Terrain irregularity parameter |
| *ens* | Surface refractivity |
| *gme* | Earth’s effective curvature |
| *zgnd* | Surface transfer impedance on the ground |
| *ze* | Effective antenna heights |
| *dl* | Horizon distances |
| *the* | Horizon elevation angles |
| ***Output values*** | |
| *kwx* | Error indicator |
| *aref* | Reference attenuation |
| ***Secondary parameters (computed in lrprop)*** | |
| *dlsa* | Line-of-sight distance |
| *dx* | Scatter distance |
| *ael, ak1, ak2* | Line-of-sight coefficients |
| *aed, emd* | Diffraction coefficients |
| *aes, ems* | Scatter coefficients |
| *dls* | Smooth earth horizon distances |
| *dla* | Total horizon distance |
| *tha* | Total bending angle |