

ERP / TPO calculations for:

KDJC - Baker City, OR

Entered by: Ray Gorney Jr.Date:
Qty/Lgth (or disc)Calculations:
db@ (or spacing)Final
dBd

Watts

ERP:
 Ant. Gain¹
 FSJ type Ant jumper
 LDF type Ant. Jumper
 LDF4
 Connectors
 Polyphaser Loss
 FSJ Tx jumper
 other FSJ jumper(s)³
 Other
 Filter(s)⁴
 Combiner⁴
 Isolator
TPO:

		20.0000
SWR FMEC-1		3.37
0	0.0098	0.0000
0	0.0064	0.0000
50	0.0064	0.3200
6	0.0150	0.0900
1	0.1500	0.1500
25	0.0098	0.2450
0	0.0098	0.0000
0	0	0.0000
(Model #)	0	0.0000
M108-90-2TPR-W	1	1.0000
T-1030	0	0.0000
		25.1750

100
ERP

TPO
329

Enter desired ERP in Blue Box and other variables in the Gray boxes; ¹ Enter antenna gain as a negative number² Enter either distance between bays or from tower; ³ Enter Total lengths; ⁴ Enter Total loss**TPO determined via the direct method using the Translator Power Meter**

328.084 ft / 100 meters