

Horizon Quantum ODU Radio MTBF Results

13GHz HQ ODU MTBF



DragonWave

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13GHZ HQ ODU RADIO MTBF RESULTS TABLE

HQ 13G MTBF Telcordia SR 332 Method II 60% Confidence				
Ambient Temperature (°C)	Still Air		Moving Air	
	FITS	MTBF	FITS	MTBF
-50	234	486.6	210	542.1
-45	261	437.3	233	489.4
-40	292	390.9	259	439.8
-35	328	347.4	290	393.3
-30	372	306.7	326	349.7
-25	425	268.5	370	308.7
-20	490	232.7	422	270.3
-15	572	199.3	487	234.3
-10	678	168.4	569	200.6
-5	815	140.0	674	169.4
0	998	114.3	812	140.5
5	1248	91.4	997	114.4
10	1595	71.5	1253	91.0
15	2088	54.6	1615	70.6
20	2808	40.6	2141	53.3
25	3887	29.3	2929	38.9
30	5557	20.5	4150	27.5
35	8228	13.9	6104	18.7
40	12644	9.0	9345	12.2
45	20202	5.6	14904	7.7
50	33574	3.4	24762	4.6
Temperature Rise: 17°C Still Air, 12°C Moving Air				

Version	By	Date	Comments
1.0	Billy Wilson, MGSC	March 8, 2012	Initial release