

Horizon Quantum ODU Radio MTBF Results

15GHz HQ ODU MTBF



DragonWave

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15GHZ HQ ODU RADIO MTBF RESULTS TABLE

HQ 15G MTBF Telcordia SR 332 Method II 60% Confidence				
	Still Air		Moving Air	
Ambient Temperature (°C)	FITS	MTBF	FITS	MTBF
-50	234	487.2	210	542.6
-45	261	437.7	233	489.9
-40	292	391.3	259	440.3
-35	328	347.8	290	393.7
-30	372	307.0	326	350.0
-25	424	268.8	369	309.0
-20	490	232.9	422	270.6
-15	572	199.5	486	234.5
-10	677	168.5	568	200.8
-5	814	140.1	673	169.5
0	998	114.3	811	140.7
5	1247	91.5	997	114.5
10	1594	71.6	1252	91.1
15	2087	54.7	1614	70.7
20	2807	40.6	2140	53.3
25	3886	29.4	2928	39.0
30	5556	20.5	4149	27.5
35	8226	13.9	6103	18.7
40	12643	9.0	9344	12.2
45	20201	5.6	14903	7.7
50	33573	3.4	24761	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