

Horizon Quantum ITEMP

Modem IDU MTBF Results

HQ ITEMP Modem IDU MTBF



DragonWave

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HQ ITEMP MODEM IDU MTBF RESULTS TABLE

HQ ITemp Modems MTBF Telcordia SR 332 Method II 60% Confidence				
	Single		Dual	
	Still Air		Still Air	
Ambient Temperature (°C)	FITS	MTBF	FITS	MTBF
-50	463	246.2	611	186.8
-45	525	217.3	684	166.7
-40	596	191.4	769	148.3
-35	679	168	867	131.6
-30	776	147.1	980	116.4
-25	890	128.2	1113	102.5
-20	1025	111.3	1270	89.8
-15	1188	96	1458	78.3
-10	1386	82.3	1686	67.7
-5	1631	70	1967	58
0	1562	73	1888	60.4
5	1849	61.7	2218	51.4
10	2211	51.6	2636	43.3
15	2673	42.7	3170	36
20	3267	34.9	3861	29.5
25	4039	28.2	4763	23.9
30	5049	22.6	5951	19.2
35	6375	17.9	7521	15.2
40	8122	14	9603	11.9
45	10426	10.9	12368	9.2
50	13466	8.5	16038	7.1
55	17471	6.5	20901	5.5
60	22735	5	27330	4.2
Temperature Rise: 5°C Still Air, 11°C when fans are off (shut off at 0°C)				

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