

OCP<sup>®</sup>

## DTR-156-3.3-SM2-B-HP-1510

5.0 Volt 2x9 OC-3 1510nm DFB Single Mode Transceivers



### Transmitter Performance Characteristics (over Operating Case Temperature)

Parameter	Symbol	Minimum	Typical	Maximum	Units
Data Rate	$B$	50	156	300	Mb/s
Average Optical Output Power (coupled into single mode fiber), 50% duty cycle	$P_o$	- 3.0	-	+ 2.0	dBm
Extinction Ratio	$P_{hi}/P_{lo}$	10	-	-	dB
Center Wavelength	$\lambda_c$	1507	1510	1517	nm
Spectral Width (-20 dB)	$\Delta\lambda_{20}$	-	-	1	nm
Side Mode Suppression Ratio	$SMSR$	30	-	-	dB
Optical Output Eye	compliant with Bellcore TR-NWT-000253 and ITU-T Recommendation G.957				

All other characteristics are as specified in OCP Standard Data Sheet for DTR-156-3.3-SM2.

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