

## 2.4 Technical Specifications

**Table 2: Electrical Specifications for 751239R2**  
(measured at 25°C or 77°F, 55% R.H.)

		Specification
Isolation Data:	Isolation Resistance	100,000 MΩ
	Metallic Surge	3 kV maximum
	Insulation Voltage	50 kV <sub>rms</sub> (70 kV peak)
Input Voltage Requirement:		None
Transmission Data:	Longitudinal Balance (CO side)	> 80 dB at 60 Hz
	Return Loss (at either side with opposite side terminated at 135 Ω)	> 25 dB, 2.5 kHz to 350 kHz
Signal:	Insertion Loss at 100 kHz	< 0.5 dB
	Frequency Response	-1 dB at 2.5 kHz, 300 kHz -3 dB at 1.5 kHz, 650 kHz
	Total Harmonic Distortion at 22 dBm, 10 kHz	< -70 dB
Power:	Power Dissipation (HDSL2)	2 W
	Power Dissipation (HDSL4)	4 W
	Power Consumption (HDSL2)	0 W
	Power Consumption (HDSL4)	0 W

**Table 3: Physical Specifications for 751239R2**

Parameter	Specifications
Operating Temperature Range	-20°C to 65°C (-4°F to 149°F)
Height	34.3 cm (13-½")
Width	28.7 cm (11-5/16")
Depth	14.1 cm (5-9/16")
Weight	3.8 kg (8.3 lbs)