

2.4 Technical Specifications

Table 2: Electrical Specifications for 751228SP

(measured at 25°C or 77°F, 55% R.H.)

	Parameter	Specification
Isolation Data:	Isolation Resistance	100,000 MΩ
	Metallic Surge	1.5 kV maximum
	Insulation Voltage	50 kV _{rms}
Input Voltage:	WITH Power Supply Installed	24 Vdc, 48 Vdc, 130Vdc or 120 Vac
	WITHOUT Power Supply Installed	-48 Vdc
Transmission Data:	Longitudinal Balance (CO side)	> 80 dB at 60 Hz
	Return Loss	> 25 dB, at 350 kHz
	Insertion Loss	< 1.0 dB at 350 kHz
Signal:	Frequency Response in 120 Ohms	-3 dB, 2.5 kHz to 5 MHz
	Total Harmonic Distortion at 22 dBm, 10 kHz	< 40 dB
Power: (With Typical span-powered NTU:)	Power Consumption	3 W
	Power Dissipation	2.5 W
		NOTE: WHEN CHARGING THE BATTERY: add 8 W to power dissipation and 13 W to power consumption

Table 3: Physical Specifications for 751228SP

Parameter	Specification
Operating Temperature Range	
Without Battery	-20°C to 65°C (-4°F to 149°F)
With Battery	0°C to 40°C (32°F to 104°F)
Height	34.3 cm (13-1/2")
Width	28.7 cm (11-5/16")
Depth	14.1 cm (5-9/16")
Weight	4.1 kg (9.0 lbs)