VICON

PRODUCT SPECIFICATION

MODEL: REFER TO TABLE 1

PRODUCT CODE: REFER TO TABLE 1

DESCRIPTION: DC POWER SUPPLIES FOR FIBER-OPTIC TRANSMISSION SYSTEMS

- **Converts AC input to DC output**
- **Standard and heavy-duty models available**
- **For use with Vicon fiber optic line**

Three direct current (DC) power supplies are available for surface-mounted (non-rack-mounted) models of Vicon's OPTECH fiber-optic systems. The VOPPS-120DC standard model accommodates most transmitters, receivers, and transceivers. A few of the large, multisignal units require the heavy-duty VOPPS-120HDC. A third model, VOPPS-220HDC, with 220/240-volt input and European-style plug is intended for use in areas with 220- to 240-volt line power.

Rack-mounted modules obtain power from one of the power supplies designed for the card cage racks. For technical information on the racks, refer to Product Specification 740.

All models provide a five-foot (1.5-m) two-conductor pendant cable for connection to the fiber-optic module. Refer to Table 2 for dimensions and weights.

Table 3 is a list of recommended applications.

VOPPS POWER SUPPLIES

Note: When installing a power supply, do not plug the power supply into the wall outlet until the cable has been connected to the fiber-optic transmitter or receiver.

TABLE 1
MODELS, PRODUCT CODES, AND POWER RATINGS

Model Number	Product Code	Input Voltage	Power Output	
		Volts AC	Volts DC	Amps
VOPPS-120DC	5940	120*	12	1.0
VOPPS-120HDC	5941	120*	13.5	1.7
VOPPS-220HDC	5942	230*	13.5	1.7

*AC, +/-10%

TABLE 3
POWER SUPPLY APPLICATIONS

OPTECH Model (w/o suffix)	Recomended Power Supply
V2710, V2711, V2712	VOPPS-120DC or VOPPS-220HDC
V2720	VOPPS-120DC or VOPPS-220HDC
V2750	VOPPS-120DC or VOPPS-220HDC
V2810	VOPPS-120DC or VOPPS-220HDC
V2752, V2754	VOPPS-120HDC or VOPPS-220HDC
V2830	VOPPS-120HDC or VOPPS-220HDC

TABLE 2
DIMENSIONS AND WEIGHTS

Model Number	Dimensions in. (cm) (H × W × L)	Weight lb (kg)	Shipping Dimensions in. (cm) (H × W × L)	Shippping Weight lb (kg)	Shipping Volume ft³ (m³)
VOPPS-120DC	3.0 × 2.1 × 1.9 (7.6 × 5.3 × 4.8)	1.0 (0.45)	3.75 × 2.75 × 2.25 (9.5 × 7.0 × 5.7)	1.1 (0.5)	0.013 (0.0004)
VOPPS-120HDC	3.25 × 2.4 × 2.1 (8.3 × 5.8 × 5.3)	1.9 (0.86)	4.6 × 4.0 × 3.0 (11.7 × 10.2 × 7.6)	2.0 (0.9)	0.03 (0.0008)
VOPPS-220HDC	3.25 × 2.4 × 2.1 (8.3 × 5.8 × 5.3)	1.5 (0.7)	4.6 × 4.0 × 3.0 (11.7 × 10.2 × 7.6)	1.9 (0.9)	0.03 (0.0008)