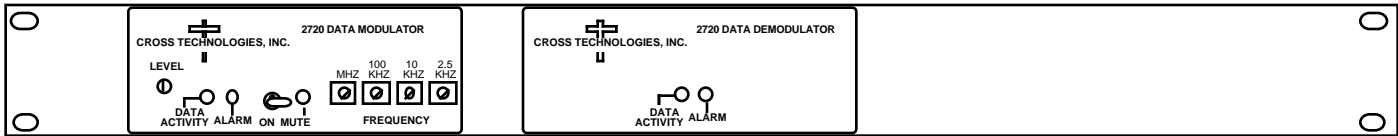


## Model 2720 Subcarrier FSK Data System

The 2720 is an FSK subcarrier above video data transmission system with factory set frequencies from 4.5 MHz to 9.0 MHz. Data is synch or asynch (factory set) and the interface format can be set to RS-422 or RS-423 (RS-232 compatible) by changing on board jumpers. Connection to video is via a high impedance resistor which does not load the video signal even if power is lost.



**Model 2720-XXTR FSK Data Transmission System**



**Model 2720-XXR FSK Data Receiver Single**

MODELS						
<u>TX SYNC</u>	<u>TX ASYNC</u>	<u>RX SYNC</u>	<u>RX ASYNC</u>	<u>TX + RX SYNC</u>	<u>TX + RX ASYNC</u>	<u>DATA RATE</u>
2720-01T	2720-11T	2720-01R	2720-11R	2720-01TR	2720-11TR	2.4 KB
2720-01T	2720-12T	2720-02R	2720-12R	2720-02TR	2720-12TR	4.8 KB
2720-01T	2720-13T	2720-03R	2720-13R	2720-03TR	2720-13TR	9.6 KB
2720-01T	2720-14T	2720-04R	2720-14R	2720-04TR	2720-14TR	14.4 KB
2720-01T	2720-15T	2720-05R	2720-15R	2720-05TR	2720-15TR	19.2 KB

### 2720 EQUIPMENT SPECIFICATIONS\*

#### General

Modulation	FSK
Frequency Range	4.5 to 9.0 MHz, agile on Tx, crystal controlled on Rx
Data Rates	2.4,4.8,9.6,14.4,19.2 kB sync or async
Spacing	45 kHz, max

#### Modulator (Transmitter)

Subcarrier Output	1K OR 75 , unbalanced
Level	25 to 150 mV, p-p, 1K ; 50 to 300 mV, p-p, 75

#### Demodulator (Receiver)

Input	Hi-Z bridging, unbalanced
Impedance	2 K ohms
Level	25 to 250 mV, p-p
Interface	RS-423 (RS-232 compatible) or RS-422
Scrambling	CCITT V.35
Forward Error Correction	None

#### Controls (Transmitter),

Level	Potentiometer adjusts output carrier level
Frequency	BCD Switches, adjustable with a small blade screwdriver
Mute	Toggle switch mutes output carrier

#### Indicators

Data; Mute; Alarm	Green LED; Red LED; Red LED
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#### Other

SC, Data Connectors	BNC, female; Barrier strip
Size	19 inch standard chassis 1.75"high X 14.0" deep
Power	115 VAC, 60 Hz, 20 watts max., wall mount power supply

+10 to +40 degrees C; Specifications subject to change without notice