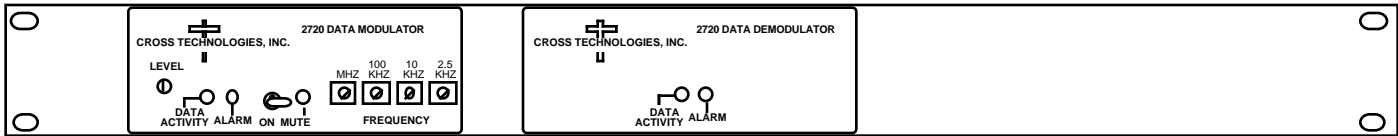


## Model 2720 Subcarrier FSK Data System

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 asynch  
 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

#### 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

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