

# Technical data sheet

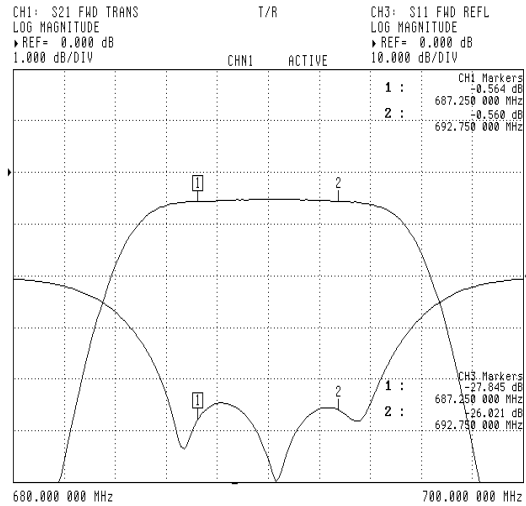
Part Number **1424-n**

Multiplexer

## Band IV-V UHF Manifold Combiner



Input Insertion Loss and Return Loss



### Mechanical Characteristics

#### Connections

Input	N
output	N
Overall dimensions [WxDxH] [mm.]	(37x n)x230x140
Temperature range [C°]	-10 ÷ 50
Weight [kg.]	1.1 x n

### Electrical Characteristics

Frequency Range [MHz]	470 ÷ 862
Bandwidth [MHz]	8
Insertion Loss [dB]	< 0.6 + n x 0.05
Return Loss [dB]	> 24
Input/Output Impedance [Ohm]	50
Insulation Between Channels [dB]	
1 Guard Channel	>24
2 Guard Channels	>30
Maximum Input Power [W]	125 ATV (60 DTV)
Maximum Output Power [W]	250 ATV (120 DTV)
Maximum Channels to combine (n)	10

Output Return Loss

