

DIU-15D-4

2 Port Digital Interface Unit
DC-6 On Data Port
High Pass Filter on TV Port



SOLID STATE
SURGE SUPPRESSION

ANSI C-62.41 (IEEE 587)



The DIU-15D-4 includes a High pass filter on the TV port and a DC-6 on the data port for cable modem service. Each port protects the subscriber's and system's equipment connected to it by utilizing Cable Innovations patented surge suppression design and Sidactor technology.

The DIU-15D-4's combination of efficiency, simplicity of installation, and superior surge protection makes it the clear choice when installing cable modem service.

SPECIFICATIONS						
Guaranteed Minimum Performance						
FREQUENCY (MHZ)	5-40	54-250	251-550	551-750	751-870	871-1000
Insertion Loss (IN-TV1)	40	3.5	3.0	3.25	3.75	4.0
Insertion Loss (IN-DATA)	7.0	6.25	6.25	6.5	7	7.25
Isolation (DATA)(TV1)	60	25	25	25	22	22
Return Loss (IN) (-DB MIN)	-	20	22	22	21	20
Return Loss (TV1) (-DB MIN)	-	18	22	20	19	19
Return Loss (DATA) (-DB MIN)	25	25	22	22	22	20
EMI/RFI Isolation (dB)	130	130	130	130	130	130

SPECIFICATIONS (Surge Suppression)	
DC Breakover Voltage	135V Min.165V Max.
Response Time	Less than 1 nanosecond
Current Suppression	500 Amps (2 x 10 μ s)

PRODUCT FEATURES

- SCTE compliant "F" ports with 360 degree contact
- SCTE approved grounding screw and ground wire connection
- Dual adjustable mounting tabs for easy installation
- Voltage Blocking Capacitors on all ports to prevent ferrite core saturation
- Soldered brass back plate to prevent rusting and provide superior EMI
- Operating temperature (Ambient) -40 to +140 Degrees Fahrenheit 40 to +60 Degrees Celsius (Centigrade)
- Chromate zinc housing for superior corrosion resistance
- Patented surge suppression, other patents pending.
- SMD Components for more precise specs and superior digital performance
- Meets NEC 830-30 Two (2) Year Warranty