

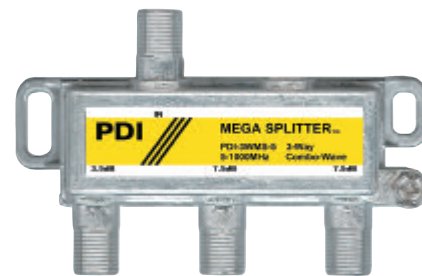
1GHz Digi-Ready Mega Splitter® SPECIFICATIONS - SERIES 5

MEGA-5 DIGITAL SPLITTER SPECIFICATIONS

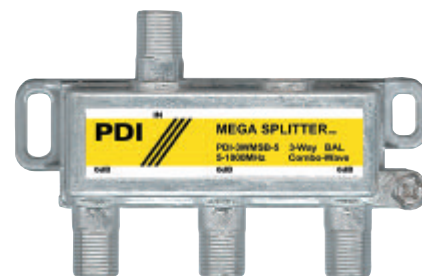
MODEL	PDI-2WMS-5	PDI-3WMS-5	PDI-3WMSB-5	PDI-4WMS-5
Insertion Loss (dB) **				
5-15 MHz	-3.3	-3.3/-6.7	-5.2	-6.7
15-40 MHz	-3.3	-3.3/-6.7	-5.1	-6.6
40-550 MHz	-3.4	-3.5/-6.8	-5.5	-6.8
550-750 MHz	-3.6	-3.6/-6.8	-5.7	-7.1
750-860 MHz	-3.7	-3.7/-6.9	-5.9	-7.2
860 MHz-1000MHz	-3.8	-3.8/-7.0	-6.3	-7.4
Return Loss Input (dB)**				
5-15 MHz	>-28	>-26	>-28	>-24
15-40 MHz	>-29	>-28	>-30	>-24
40-550 MHz	>-30	>-26	>-27	>-30
550-750 MHz	>-30	>-26	>-26	>-28
750-860 MHz	>-28	>-26	>-26	>-27
860 MHz-1000MHz	>-28	>-26	>-26	>-26
Return Loss Output (dB)**				
5-15 MHz	>-30	>-29	>-28	>-24
15-40 MHz	>-36	>-36	>-36	>-36
40-550 MHz	>-28	>-29	>-28	>-29
550-750 MHz	>-25	>-29	>-29	>-29
750-860 MHz	>-25	>-30	>-30	>-30
860 MHz-1000MHz	>-27	>-29	>-29	>-30
Isolation (dB) **				
5-15 MHz	>-27	>-27	>-27	>-27
15-40 MHz	>-38	>-38	>-38	>-38
40-550 MHz	>-29	>-29	>-29	>-29
550-750 MHz	>-28	>-28	>-28	>-28
750-860 MHz	>-27	>-27	>-27	>-27
860 MHz-1000MHz	>-25	>-25	>-25	>-25
RFI (dBc)	>-110	>-110	>-110	>-110
Intermodulation * (dBc)	>-105	>-105	>-105	>-105



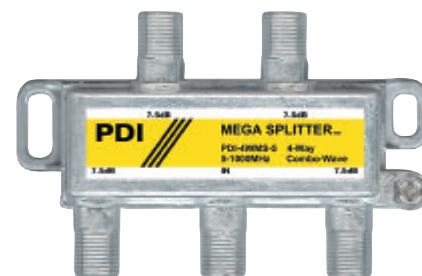
**PDI-2WMS-5
2-WAY**



**PDI-3WMS-5
3-WAY**



**PDI-3WMSB-5
3-WAY Balanced**



**PDI-4WMS-5
4-WAY**

052005

* Using a 27MHz carrier at +55 dBmv and measuring the harmonic @ 54 MHz after surging.

Surge waveform: IEEE C62.41 Category B3 combination waveform all ports.

** Typical @ 68 degrees F, worst case variance 10%.

*** Specifications subject to change without notice.

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