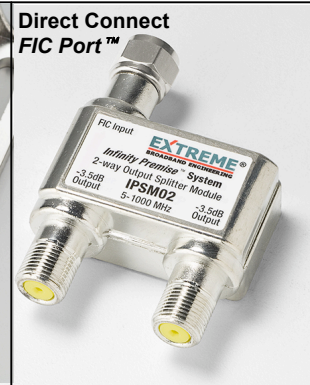


**Splitter Modules - Model IPSM00 Series**

**Splitter Module Features**

- Direct FIC Connection to Amplifier
  - Reduces Jumper Connections
  - Simplifies Installation
  - Eliminates Cable Clutter
  - Improves Reliability
  - Condenses Installation Footprint
- RF Performance Beyond 1GHz
- Optional Power Passing Port
- Built to SCTE Standards



**Infinity Premise Splitter Module - IPSM Series and (P) Power Passing Port Option**

Model Number		IPSM02 (P)	IPSM03 (P)	IPSM03B (P)	IPSM04 (P)
Specification	Frequency (MHz)	Max/Min (P)	Max/Min (P)	Max/Min (P)	Max/Min (P)
<b>Insertion Loss (dB, max)</b>					
	5-15	3.5 (3.6)	3.5 / 7.0 (3.6)	5.5 (5.5)	7.0 (7.0)
	16-40	3.5 (3.6)	3.5 / 7.0 (3.6)	5.5 (5.5)	7.0 (7.0)
	41-400	3.5 (3.7)	3.5 / 7.0 (3.7)	5.5 (5.5)	7.1 (7.1)
	401-550	3.6 (3.8)	3.6 / 7.2 (3.8)	5.5 (5.9)	7.4 (7.4)
	551-750	3.7 (3.9)	3.7 / 7.5 (3.9)	5.9 (6.0)	7.4 (7.4)
	751-900	3.8 (4.0)	3.8 / 7.9 (4.2)	5.9 (6.1)	7.9 (7.9)
	901-1000	4.0 (4.2)	4.1 / 7.9 (4.3)	6.0 (6.2)	8.1 (8.1)
<b>Isolation (dB, min)</b>					
	5-15	20	20	20	20
	16-40	35	35	35	35
	41-400	20	20	20	20
	401-550	20	20	20	20
	551-750	20	20	20	20
	751-900	20	20	20	20
	901-1000	20	20	20	20
<b>Return Loss - Input/Output (dB, min)</b>					
	5-15	20	20	20	20
	16-40	25 / 30	25 / 30	25 / 30	25 / 30
	41-400	20	20	20	20
	401-550	20	20	20	20
	551-750	20	20	20	20
	751-900	20	20	20	20
	901-1000	20	20	20	20
<b>RFI (dB, min)</b>					
	5-1000	130	130	130	130
<b>Surge</b>					
	6KV Ring Wave Surge, IEEE C62.41 Cat. A3				
<b>2nd Harmonic</b>					
	-60dBmV, measured with a +55dBmV return input carrier				

Specifications Compliant Throughout Operating Temperature Of -40°C to +60°C  
 Specifications Are Subject To Change Without Notice  
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 The unique Splitter Modules are patent protected under \*US Patent number: 6969278.