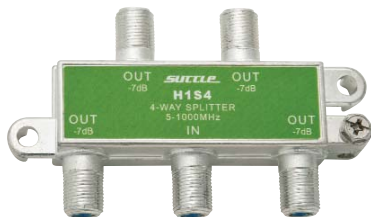


Horizontal 1GHz RF Splitters

2, 3, 4, 6, and 8 Way Splitters 5-1000MHz



Product Description

Suttle's Horizontal 1GHz RF Splitters are designed for use in any digital application and offers high quality as well as reliability. Blocking capacitors on the F-ports of each splitter ensures low intermodulation distortion figures that are essential when providing cable modem service. All splitters are stringently examined for quality to meet or exceed industry specifications.

Specifications *(typical - limit)*

Insertion Loss (Max dB)	2 Way	3 Way	4 Way	6 Way	8 Way
5-400 MHz -----	3.4 - 3.6	5.5 - 6.0	6.6 - 7.0	9.8 - 10	10.5 - 11
400-600 MHz -----	3.6 - 3.8	5.5 - 6.0	7.0 - 7.3	9.8 - 10	10.7 - 11
600-1000 MHz -----	4.0 - 4.2	6.5 - 7.0	7.6 - 8.0	11.5 - 11.8	11.6 - 12
Isolation (Min dB)	2 Way	3 Way	4 Way	6 Way	8 Way
5-400 MHz -----	34 - 30	33 - 30	35 - 30	31 - 30	32 - 30
400-600 MHz -----	30 - 25	25 - 22	30 - 24	25 - 22	25 - 22
600-1000 MHz -----	28 - 25	25 - 22	25 - 22	25 - 22	25 - 20
Return Loss In (Min dB)	2 Way	3 Way	4 Way	6 Way	8 Way
5-400 MHz -----	25 - 22	25 - 22	24 - 22	24 - 22	24 - 22
400-600 MHz -----	25 - 20	25 - 22	24 - 22	24 - 22	24 - 22
600-1000 MHz -----	25 - 20	25 - 20	24 - 20	23 - 20	24 - 20
Return Loss Out (Min dB)	2 Way	3 Way	4 Way	6 Way	8 Way
5-400 MHz -----	25 - 22	25 - 22	25 - 22	25 - 22	25 - 22
400-600 MHz -----	25 - 20	25 - 22	25 - 22	25 - 22	25 - 22
600-1000 MHz -----	25 - 20	25 - 20	25 - 20	25 - 20	25 - 20
RFI Shielding -----	> -120dB				
2nd Harmonics -----	-45dBmV, measure with a 55dBmV return input carrier				
Surge Withstanding -----	6KV, 100kHz ring wave				



Part #	Description
H1S2	Horizontal 2-way RF Splitter 5-1000MHz
H1S3	Horizontal 3-way RF Splitter 5-1000MHz
H1S4	Horizontal 4-way RF Splitter 5-1000MHz
H1S6	Horizontal 6-way RF Splitter 5-1000MHz
H1S8	Horizontal 8-way RF Splitter 5-1000MHz

Specifications subject to change without notice. Copyright 2009. Revision: 02/09