

1.8 GHz splitters are ideal for systems deploying DOCSIS 3.1 & DOCSIS 4.0

Features:

- Solder Back
- 5 MHz to 1.8 GHz Bandwidth
- Minimum 120 dB RFI Shielding
- Low Intermod Distortions < 100 dB
- Nickel Plated Zinc Alloy Housing
- 15 PSI Waterproofed F Ports
- 200 G Center Conductor Retention
- 75 Ohm Impedance
- Machined F Connectors On 1" Spacing
- Blocking Capacitor On All Ports
- Integral Ground Block
- 6 kV Ring Wave Surge Protection



Now the Toner XGHS series drop splitters are available to 1.8 GHz for any system deploying DOCSIS 3.1 or DOCSIS 4.0 where an increase in upstream bandwidth is needed and even greater downstream bandwidth is necessary. Common frequencies are 5-204 MHz for upstream and 258-1794 MHz for downstream which these splitters support.

By using the latest in ferrite core and winding technology along with premium PC boards and components we have been able to increase bandwidth without any sacrifice in performance.

These splitters feature a diecast zinc alloy housing with a nickel plating for superior corrosion resistance. Each F port is machined with 3/8-32 UNEF threads to meet SCTE and ANSI specifications and incorporates a patented seal that is waterproof to 15 PSI. The seizure mechanism for the center conductor is also patented and contacts the center conductor on 4 sides and provides more than 200g of retention force which ensures correct electrical contact. The F ports are on 1" spacing which meets SCTE & ANSI specifications.

All of these splitters feature DC blocking capacitors on all ports for power isolation protection and for induced spikes protection. These splitters feature superior performance, low intermodulation distortions and meet or exceed all current industry standards.

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	XGHS2G-2 2-Way	XGHS2G-3 3-Way	XHGS2G-3B 3-Way Balanced	XHGS2G-4 4-Way
Insertion Loss (Max dB)				
5-400 MHz	3.6	3.6	7.2	7.2
400-600 MHz	4	4	7.8	7.8
600-1002 MHz	4.4	4.4	8.8	8.8
1002-1218 MHz	4.8	4.8	9.2	9.2
1218-1800 MHz	5.4	5.4	10.2	10.2
Isolation (Min dB)				
5-10 MHz	22	22	22	22
10-65 MHz	30	30	30	30
65-870 MHz	26	26	26	26
870-1002 MHz	23	23	23	23
1002-1218 MHz	20	20	20	20
1218-1800 MHz	18	18	18	18
Input				
5-1002 MHz	20	20	20	20
1002-1218 MHz	18	18	18	18
1218-1800 MHz	16	16	16	16
Output				
5-1002 MHz	20	20	20	20
1002-1218 MHz	18	18	18	18
1218-1800 MHz	16	16	16	16
Intermod Distortion	-60 dBmV			
RFI	-120 dB			

Ordering Information

- XGHS2G-2** 2 Way 1.8 GHz Horizontal Splitter
- XGHS2G-3** 3 Way 1.8 GHz Horizontal Splitter
- XGHS2G-3B** 3 Way Balanced 1.8 GHz Horizontal Splitter
- XGHS2G-4** 4 Way 1.8 GHz Horizontal Splitter