

# toner

## XG Series

### 1 GHz Digital Splitters

#### 2, 3, 4, 6, 8, and 12 Way 1 GHz Drop Splitters

#### Digital Drop Splitters

##### Features

- Digital Ready
- Low Intermod
- Meets or Exceeds SCTE
- Greater than 120 dB RFI
- PCB for Consistent Performance
- Solder Back Design
- Round F Connector, Center Conductor Contact



#### Horizontal Model Specifications

	XGHS-2M	XGHS-2	XGHS-3	XGHS-3B	XGHS-4
<b>Bandwidth</b>	5 MHz-1 GHz	5 MHz-1 GHz	5 MHz-1 GHz	5 MHz-1 GHz	5 MHz-1 GHz
<b>INSERTION LOSS (Max)</b>					
5-15 MHz	3.6	3.6	3.6 / 7.0	5.5	7.0
15-40 MHz	3.6	3.6	3.6 / 7.0	5.5	7.0
40-550 MHz	3.6	3.6	3.6 / 7.2	5.9	7.2
550-1000 MHz	3.9	3.9	3.9 / 7.9	6.5	7.9
<b>ISOLATION (Min)</b>					
5-15 MHz	35	40	40	40	40
15-40 MHz	35	40	40	40	40
40-550 MHz	30	35	30	28	30
550-1000 MHz	30	30	30	28	30
<b>RETURN LOSS (Min)</b>					
<b>INPUT</b>					
5-15 MHz	22	25	25	30	24
15-40 MHz	25	25	25	30	24
40-550 MHz	22	22	22	22	22
550-1000 MHz	22	22	22	22	22
<b>OUTPUT</b>					
5-15 MHz	22	30	25	30	25
15-40 MHz	30	30	30	30	30
40-550 MHz	22	22	22	22	22
550-1000 MHz	22	22	22	22	22
<b>INTERMOD DISTORTION</b>	-60 dBmV				

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## Headend Accessories



### Vertical Model Specifications

	XGVS-2	XGVS-3B	XGVS-4	XGVS-6	XGVS-8	XGVS-12
<b>Bandwidth</b>	5 MHz-1 GHz	5 MHz-1 GHz	5 MHz-1 GHz	5 MHz-1 GHz	5 MHz-1 GHz	5 MHz-1 GHz
<b>INSERTION LOSS (Max)</b>						
5-15 MHz	3.6	5.5	7.0	9.0	10.5	13.0
15-40 MHz	3.6	5.5	7.0	9.0	10.5	13.0
40-550 MHz	3.6	6.0	7.2	9.0	10.5	13.5
550-1000 MHz	3.9	6.5	7.9	10.0	12.0	14.0
<b>ISOLATION (Min)</b>						
5-15 MHz	40	40	40	35	35	35
15-40 MHz	40	40	40	40	40	38
40-550 MHz	35	28	30	27	27	27
550-1000 MHz	30	28	30	27	27	27
<b>RETURN LOSS (Min)</b>						
<b>INPUT</b>						
5-15 MHz	25	30	24	24	22	20
15-40 MHz	25	30	24	25	22	20
40-550 MHz	22	22	22	22	20	20
550-1000 MHz	22	22	22	22	20	20
<b>OUTPUT</b>						
5-15 MHz	30	30	25	25	25	25
15-40 MHz	30	30	30	30	30	30
40-550 MHz	22	22	22	22	22	22
550-1000 MHz	22	22	22	22	22	22
<b>INTERMOD DISTORTION</b>	-60 dBmV					