

## 1 GHz HIGH QUALITY SPLITTERS WITH TONGUE & GROOVE HOUSINGS

### Features:

- All ports no power passing design with blocking capacitors providing excellent intermodulation performance for low distortion interactive operation, such as cable Modem.
- Nickel plated zinc die-cast housings for perfect corrosion protection and grounding.
- Tongue & groove housing design provides high RFI Shielding for -130 dB.
- High precision machine threaded F-ports.
- 360 degree F-port base for full seating of sealing sleeve.
- Applications vary from headend combining to typical drop installations. This splitter series should be used where increased bandwidth is being designed into the systems.
- Printed circuit board ensures consistent RF performance and high port to port isolation.
- F-ports spaced 1 inch center to center to accommodate security sleeves and tools.
- Available with equal loss port or unbalanced loss ports for 3-way splitters.



**TGS-21G**  
2-WAY SPLITTER

### Specifications:

Bandwidth MHz:	5-40	40-500	500-750	750-1000
Insertion Loss:				
(dB Max.)	3.5	3.8	4.0	4.0
Isolation Port to Port:				
(dB Min.)	25	30	30	25
Input Return Loss:				
(dB Min.)	20	22	22	20



**TGS-31G** 3-WAY SPLITTER - EQUAL LOSS PORTS  
**TGS-31GU** UNBALANCE LOSS (1 x 3.5 dB 2 x 7.5 dB)

### Specifications:

Bandwidth MHz:	5-40	40-500	500-750	750-1000
Insertion Loss: (Equal Loss Circuit)				
(dB Max.)	5.5	5.5	6.0	6.5
Isolation Port to Port:				
(dB Min.)	23	30	35	25
Input Return Loss:				
(dB Min.)	20	22	22	20



**TGS-41G**  
4-WAY SPLITTER

### Specifications:

Bandwidth MHz:	5-40	40-500	500-750	750-1000
Insertion Loss:				
(dB Max.)	6.5	7.0	7.5	8.0
Isolation Port to Port:				
(dB Min.)	23	25	25	22
Input Return Loss:				
(dB Min.)	18	22	22	20

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE