

## SPLITS RF SIGNALS TO MULTIPLE LOCATIONS

IDEAL FOR MODERN & RETURN PATH APPLICATIONS

### Features

- Flat-End F-Ports
- Enhanced Sub-Band Performance
- Low Intermodulation Distortion
- Capacitor Decoupled
- 6kV Survivability
- Double-Thick Plating
- 130 dB RFI Shielding
- 3-Way Ground Screw: Hex/Phillips/Slot



**Models: GHS-2 : GHS-4 : GHS-8**

The GHS and GSV Series 1 GHz Splitters are state-of-the-art product lines designed and tested using the most current procedures. New performance features have been incorporated to make both series compatible with the latest digital and return path requirements.

## Specifications

PARAMETER	FREQUENCY RANGE (MHZ)	GHS-2		GHS-3		GHS-3B		GHS-4		GHS-8	
		TYP	QC	TYP	QC	TYP	QC	TYP	QC	TYP	QC
Insertion Loss (dB)	5 - 15	3.5	3.6	3.7 / 6.9	3.8 / 7.0	5.6	5.8	7.0	7.1	10.7	11.2
	16 - 40	3.6	3.7	3.7 / 6.9	3.8 / 7.0	5.6	5.8	6.8	6.9	10.5	11
	41 - 450	3.7	3.8	3.7 / 7.0	3.8 / 7.0	6.2	6.5	7.0	7.1	11	11.5
	451 - 750	3.8	3.9	3.9 / 7.5	4.0 / 7.6	6.3	6.5	7.5	7.6	12	12.5
	751 - 1000	3.9	4.0	4.0 / 8.0	4.2 / 8.2	6.9	7	8.1	8.2	12	12.5
Isolation (dB)	5 - 15	26	25	30	22	25	20	30	22	24	20
	16 - 40	45	40	38	35	38	35	40	32	28	25
	41 - 450	31	30	30	25	28	25	30	25	28	25
	451 - 750	31	30	28	25	25	23	28	25	23	20
	751 - 1000	30	25	25	23	22	20	25	23	22	20
Input Return Loss (dB)	5 - 15	25	24	25	20	22	20	25	20	24	20
	16 - 40	26	25	28	24	25	22	28	24	26	22
	41 - 450	26	25	28	23	25	22	28	23	24	20
	451 - 750	26	25	28	20	23	20	25	20	23	20
	751 - 1000	25	22	24	20	22	20	21	20	22	20
Output Return Loss (dB)	5 - 15	26	24	25	22	24	20	25	20	24	20
	16 - 40	35	30	35	30	32	28	30	28	27	24
	41 - 450	26	25	30	23	25	22	28	23	25	21
	451 - 750	26	25	25	20	22	20	25	20	24	20
	751 - 1000	25	22	24	20	22	20	21	20	23	20