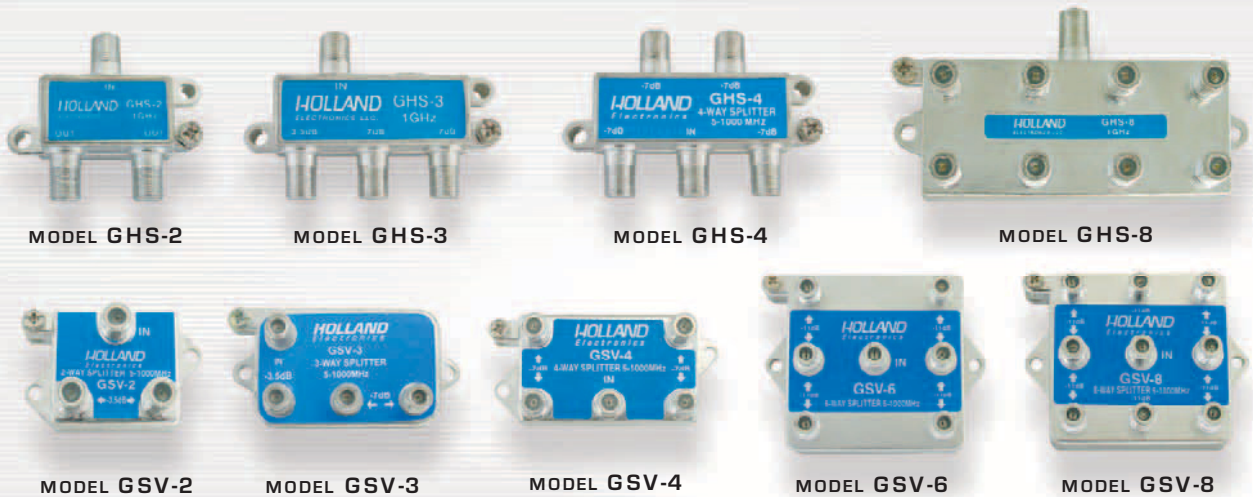


GHS/GSV SERIES CATV DIGITAL SPLITTERS

■ MODELS GHS-2 : GHS-3 : GHS-4 : GHS-8 : GSV-2 : GSV-3 : GSV-4 : GSV-6 : GSV-8



■ FEATURES

- Flat-End F-Ports
- Enhanced Performance at Sub Bands
- Low Intermodulation Distortion
- Capacitor On All Ports
- 6kV Survivability
- Double-Thick Tin Plating
- 130 dB RFI Shielding, Solderback Case
- 3-Way Ground Screw: Hex/Phillips/Slot

▼ CUSTOMER NOTES:

CATV DIGITAL SPLITTERS

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

* POWER PASSING MODELS AVAILABLE

GHS/GSV SERIES CATV DIGITAL SPLITTERS

SPECIFICATIONS

PARAMETER	FREQUENCY RANGE (MHz)	GHS-2		GHS-3		GHS-3B		GHS-4		GHS-8	
		TYP.	MIN.	TYP.	MIN.	TYP.	MIN.	TYP.	MIN.	TYP.	MIN.
Insertion Loss	5 - 15	3.5	3.6	3.7/6.9	3.8/7	5.6	5.8	7	7.1	11.2	11.2
	16 - 47	3.6	3.7	3.6/6.9	3.8/7	5.6	5.8	6.8	6.9	11	11
	48 - 450	3.7	3.8	3.7/7	3.8/7.1	6.2	6.5	7	7.1	11.5	11.5
	451 - 750	3.9	4	3.9/7.5	4/7.6	6.3	6.5	7.5	7.6	12	12
	751 - 1000	4	4.2	4/8	4.2/8.2	6.9	7	8.1	8.2	12	12.5
Isolation	5 - 15	22	20	22	20	25	20	21	20	20	20
	16 - 47	25	22	24	22	38	35	28	22	28	25
	48 - 450	25	22	24	23	28	25	25	24	25	25
	451 - 750	23	22	23	22	25	23	24	22	23	23
	751 - 1000	22	20	22	20	22	20	21	20	20	20
Input Return Loss	5 - 15	21	20	21	20	22	20	21	20	20	20
	16 - 47	30	22	22	20	25	22	22	20	22	22
	48 - 450	25	22	21	20	25	22	21	20	22	20
	451 - 750	23	22	21	20	23	20	21	20	21	20
	751 - 1000	21	20	21	20	22	20	21	20	20	20
Output Return Loss	5 - 15	21	20	21	20	24	20	21	20	20	20
	16 - 47	26	22	22	20	32	28	22	20	25	24
	48 - 450	26	24	21	20	25	22	21	20	22	21
	451 - 750	24	23	21	20	22	20	21	20	21	20
	751 - 1000	21	20	21	20	22	20	21	20	20	20

PARAMETER	FREQUENCY RANGE (MHz)	GSV-2		GSV-3		GSV-4		GSV-6		GSV-8	
		TYP.	MIN.	TYP.	MIN.	TYP.	MIN.	TYP.	MIN.	TYP.	MIN.
Insertion Loss	5 - 15	3.3	3.5	3.3/6.7	3.5/6.9	6.7	6.9	9.1	9.2	10.5	10.5
	16 - 40	3.3	3.5	3.3/6.6	3.5/7	7	7.1	9.1	9.2	10.8	10.8
	41 - 550	3.6	3.8	3.6/6.9	3.8/7.3	7.2	7.4	9.8	9.9	11.5	11.5
	551 - 1000	4	4.4	4/7.9	4.4/8.4	7.4	7.6	11.1	11.3	12	12.5
Isolation	5 - 15	26	22	42	32	30	23	24	23	30	25
	16 - 40	33	25	45	30	30	24	25	24	30	24
	41 - 550	37	30	36	28	26	23	24	23	27	23
	201 - 550	35	28	32	24	24	21	23	22	25	22
	551 - 1000	28	22	25	21	22	20	21	20	22	20
Input Return Loss	5 - 15	24	20	21	20	22	18	19	18	22	18
	16 - 40	27	22	23	21	25	20	21	20	25	22
	41 - 200	23	20	23	22	23	21	21	20	24	23
	201 - 550	24	20	23	22	22	19	21	20	22	20
	551 - 1000	24	18	21	18	22	18	19	18	22	18
Output Return Loss	5 - 15	22	20	20	18	22	18	17	16	22	18
	16 - 40	28	23	32	20	28	20	21	20	28	22
	41 - 200	31	25	28	22	23	21	21	20	25	22
	201 - 550	32	24	23	20	22	20	20	19	22	20
	551 - 1000	25	20	20	18	22	18	19	18	22	18