



ATS-ADS-#
1 GHz HORIZONTAL SPLITTER
2-WAY, 3-WAY, AND 4-WAY



- FEATURES**
 NICKEL PLATED SEALED DIE CAST HOUSING
 CONICAL SEIZURE MECHANISMS
 INTEGRAL GROUND BLOCK
 PREMIUM RF SPECIFICATIONS
 BANDWIDTH (5 MHz—1 GHz)

ADS Horizontal Splitter (5MHz - 1000MHz Bandwidth)

Insertion Loss (dB Max)

Frequency (MHz)	5-15	16-40	41-400	401-500	501-600	601-900	901-1000
ADS-2	3.5	3.5	3.5	3.6	3.7	3.8	3.9
ADS-3	6.3	5.5	5.5	5.7	6.2	7.0	7.2
ADS-4	7.1	7.0	7.0	7.2	7.5	7.7	7.9

Return Loss Input Ports (dB Min)

Frequency (MHz)	5-15	16-40	41-400	401-500	501-600	601-900	901-1000
ADS-2	20	25	22	22	22	20	20
ADS-3	20	25	22	22	22	20	20
ADS-4	20	25	22	22	22	20	20

Return Loss Output Ports)dB Min)

Frequency (MHz)	5-15	16-40	41-400	401-500	501-600	601-900	901-1000
ADS-2	20	33	22	22	22	20	20
ADS-3	20	33	22	22	22	20	20
ADS-4	20	33	22	22	22	20	20

Isolation (dB Min)

Frequency (MHz)	5-15	16-40	41-400	401-500	501-600	601-900	900-1000
ADS-2	20	35	23	23	23	20	20
ADS-3	20	35	23	23	23	20	20
ADS-4	20	35	23	23	23	20	20

Second Harmonic

	2 Way	3 Way	3-Way (Bal)	4 Way	6 Way	8 Way	
dBmV	-60	-60	-60	-60	-60-60	-60	
Second Harmonic	-45 dBm V, measured with a +55 dBmV return input carrier						

EMI Isolation > 130dB

UL listed dielectric materials.

F-port: Flat, sealed, machined for exceptional RF and weatherproof integrity. In full compliance with SCTE physical specifications.

Seizures: Conical, beryllium copper. Ground Screw: Triple combo design. Mounting Screws: Triple combo nickel plated steel (2)