

Go-To Telescopes Guide 2008

Refractor Comparison

Manufacturer/Model	Aperture (inches)	F/ratio	Price	\$ per Inch
Meade ETX-80AT-TC Backpack Observatory	3.2	f/5	\$299	\$93
Celestron NexStar 102 SLT	4	f/6.5	\$479	\$120
Meade AR-5 AT	5	f/9	\$999	\$200
Orion 100ED Go-To	4	f/9	\$1,150	\$288
Astro-Pysics StarFire EDF	5.1	f/6.3	\$5,675	\$1,113

Reflector Comparison

Manufacturer/Model	Aperture (inches)	F/ratio	Price	\$ per Inch
Orion SkyQuest XT6 IntelliScope	6	f/8	\$500	\$83
Celestron C8-NGT	8	f/5	\$1,019	\$127
Orion Atlas 8 EQ-G	8	f/4.9	\$1,400	\$175
Starmaster Hybrid Go-To 12.5	12.5	f/4.3	\$2,195	\$176
Obsession 15	15	f/4.5	\$7,590	\$506
JMI NGT-18	18	f/4.5	\$15,900	\$883

Catadioptrics Comparison

Manufacturer/Model	Aperture (inches)	F/ratio	Price	\$ per Inch
Celestron C8-SGT	8	f/10	\$500	\$63
Meade SN-8 AT	8	f/4	\$1,199	\$150
Celestron NexStar 6SE	6	f/10	\$999	\$167
Meade ETX-90PE	3.6	f/13.8	\$699	\$194
Orion SkyView Pro 180	7.1	f/15	\$1,549	\$218
Meade 10-inch LX90-ACF	10	f/10	\$2,699	\$270
Celestron CPC 9.25	9.25	f/10	\$2,499	\$270
Orion Atlas 9.25 EQ-G	9.25	f/10	\$2,699	\$292
Meade 10-inch LX200-ACF	10	f/10	\$3,699	\$370
Celestron CGE 1400	14	f/10	\$6,634	\$474

Source: *Astronomy Magazine*, October 2008