

E Series



Light in price only!

Such dishes are famous for very attractive price/performance ratio.

E Series

- Cheaper but genuine GIBERTINI
 - Essential and easy to install
 - Brackets are graceful and focused on essentials
 - Reflectors are available either aluminum or in galvanized steel, both powder coated with U.V. inhibited polyester-based finishes
 - Az/EI mount is in dual sided sendzimir galvanized steel, feedarm in aluminum and feedholder in thermoplastic
- Optionals:
 - additional feedholder
 - additional mast clamp kit
 - longer pole bracket
 - adapting ring for 23 mm. feed diameter



E Series - Technical Specifications

Technical Specifications	OP 40 E	OP 60 E	OP 65 E	OP 80 E
Frequency range (GHz)	10.00-13.00	10.00-13.00	10.00-13.00	10.00-13.00
Outside dimension (cm)	38.5 x 41.0	59.0 x 63.0	67.0 X 71.5	75.0 x 80.0
Reflecting dimension (cm)	37.5 x 40.0	56.0 x 60.0	63.0 x 67.5	72.0 x 77.0
Illumination efficiency ⁽¹⁾ (%)	67	69	69	69
Gain ⁽¹⁾ @ 10.70 GHz (dB)	30.90	34.30	35.20	36.60
Gain ⁽¹⁾ @ 11.70 GHz (dB)	31.50	35.10	36.00	37.40
Gain ⁽¹⁾ @ 12.75 GHz (dB)	32.40	35.90	36.80	38.20
Cross polarization ^{(1);(2)} on axis (dBc)	-22	-23.5	-24	-24
First side lobe level ^{(1);(2)} (dBc)	-20	-21	-21	-24
Noise temp. ⁽¹⁾ @ 12GHz, 30° elevation(K)	60	48	46	42
F/D ratio	0.66	0.66	0.66	0.67
-3 dB Beam width ⁽¹⁾ @ 11.7GHz	4.3°	2.9°	2.6°	2.2°
Offset pointing angle	21°	21°	21.3°	21°
Feed illumination angle	70°	70°	70°	70°
Feeder clamp (mm)	40/23	40	40	40
Elevation angle	15° - 45°	0° - 90°	0° - 90°	0° - 90°
Mast clamp (mm)	20 - 50	20 - 50	20 - 50	20 - 50
Aluminum reflector thickness (mm)	1.0	aluminum reflector not available	1.0	1.0
Steel reflector thickness (mm)	steel reflector not available	0.6	0.7	0.7
Wind-load @ 120Km/h(kg)	15.3	36	46	58
Antenna net weight with aluminum dish(kg) ⁽³⁾	1.3	aluminum reflector not available	2.8	3.1
Antenna net weight with steel dish(kg) ⁽³⁾	steel reflector not available	3.0	4.2	4.7
Working temperature	-30°/+70°	-30°/+70°	-30°/+70°	-30°/+70°
Humidity	0-100%	0-100%	0-100%	0-100%

⁽¹⁾ Value with matched feed

⁽²⁾ Value @ 10.95GHz

⁽³⁾ Net weight without package

E Series Optional Accessories

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