



GPA15 CON ILLUMINATORE GCC



**P1590FA CON ILLUMINATORE GCC
E ATTACCO AL PALO TIPO LEGGERO**



CARATTERISTICHE TECNICHE / TECHNICAL SPECIFICATIONS

	GPA15	P1590FA
Diametro <i>Diameter:</i>	150 cm	
F/D:	0,453	
DEP:	20,7 cm	
Distanza focale: <i>Focal length:</i>	68 cm	
Accuratezza della superficie: <i>Accuracy of construction:</i>	±0,5 mm r.m.s.	
Aggiustamento della polarizzazione: <i>Adjustment of polarization:</i>	120°	
Materiale: <i>Material:</i>	Alluminio <i>Aluminium</i>	
Trattamento / verniciatura antenna: <i>Antenna treatment / painting:</i>	Anodizzato <i>Anodized</i>	
Spessore: <i>Thickness:</i>	3 mm	
Diametro palo di fissaggio: <i>Diameter of the fixing pole:</i>	90 ÷ 114 mm	60 ÷ 114 mm
Regolazione orientamento fine sul piano orizzontale: <i>Setting of fine bearings on the horizontal plane:</i>	±7°	±5°
Regolazione orientamento fine sul piano verticale: <i>Setting of fine bearings on the vertical plane:</i>	±7°	±7°
Staffe di fissaggio: <i>Fixing brackets:</i>	Ferro zincato <i>Galvanized iron</i>	
Struttura portante: <i>Supporting structure:</i>	Acciaio inox <i>Stainless steel</i>	Ferro zincato <i>Galvanized iron</i>
Resistenza al vento: <i>Resistance to the wind up to:</i>	180 km/h	150 km/h
Peso parabola (con attacchi): <i>Weight of parabolic antenna (with supports):</i>	40 kg	35 kg
Peso radome opzionale: <i>Weight of optional radome:</i>	17,5 kg	
Colore radome opzionale: <i>Optional radome colour:</i>	Bianco <i>White</i>	
Temperature di funzionamento: <i>Operational temperature:</i>	-40° + 60°	

Ø 1,5 m.
CODE.: GPA15 \ P1590FA
RIFLETTORI PARABOLICI
PARABOLIC REFLECTORS



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Illuminatore Radiator	Frequenza Frequency [GHz]	Polarizzazione Polarization	Apertura a 3dB 3dB Beamwidth Gradi/Degrees	Connettore Connector	VSWR	Attenuazione	Guadagno / Gain			Crosspol.	Isolamento* Decoupling*
							Bottom	Mid band	Top		
Caratteristiche elettriche parabola P1590FA <i>Electrical characteristics of P1590FA parabolic antenna</i>											
P003	800-875	S	16.7	N (f)	1.28	18	19.4	19.8	20.2	17	
P004	875-975	S	15.1	N (f)	1.28	18	20.2	20.6	21.1	17.9	
P005	975-1175	S	13.0	N (f)	1.28	18	21.1	22.0	22.7	19.8	
P006	1150-1325	S	11.3	N (f)	1.28	18	22.5	23.2	23.8	21.2	
P007L	1325-1575	S	9.7	N (f)	1.28	18	23.8	24.5	25.3	22.3	
P008L	1575-2050	S	7.7	N (f)	1.28	18	25.3	26.5	27.6	23.3	
P009L	1900-2400	S	6.5	N (f)	1.28	18	26.9	28.0	28.9	26.0	
P010L	2300-2700	S	5.6	N (f)	1.22	18	28.6	29.3	29.9	26.8	
P1015B10	10000-15000		1.1	N (f)		18	41.3	43.3	44.8		
P1015B14	10000-15000		1.1	N (f)		18	41.3	43.3	44.8		

* Isolamento tra la porta E e la porta V / Decoupling between H and V polarization

Illuminatore Radiator	Frequenza Frequency [GHz]	Polarizzazione Polarization	Apertura a 3dB 3dB Beamwidth Gradi/Degrees	Connettore Connector	VSWR	Attenuazione di riflessione Return Loss	Guadagno / Gain			Crosspol.	Isolamento* Decoupling*
							Bottom	Mid band	Top		
Caratteristiche elettriche parabola GPA15 <i>Electrical characteristics of GPA15 parabolic antenna</i>											
GYA014	1.4 - 1.65	S	9.2	N f	1.3	17.6	24.2	25.0	25.7	25	--
GYA019	1.9 - 2.2	S	6.8	N f	1.3	17.6	26.9	27.6	28.2	25	--
GYA022	2.2 - 2.5	S	6.0	N f	1.3	17.6	28.2	28.7	29.3	26	--
GYA025	2.5 - 2.8	S	5.3	N f	1.3	20	29.3	29.8	30.3	26	--
GLB015	1.5 - 2.5	S	7.0	N f	1.22	20	24.8	27.3	29.3	26	--
GDP015	1.5 - 2.0	D	8.0	N f	1.3	20	24.8	26.2	27.3	26	--
GDP020	2.0 - 2.5	D	6.2	N f	1.3	20	27.3	28.4	29.3	--	>28
GCV030	3.0 - 3.7	S	4.2	N f	1.3	20	30.9	31.8	32.7	26	--
GCV045	4.5 - 5.0	S	2.9	N f	1.3	20	34.4	34.9	35.3	27	--
GCV050	5.0 - 5.8	S	2.6	N f	1.3	21	35.3	36.0	36.6	27	--
GCV058	5.8 - 6.4	S	2.3	UBR 90	1.3	21	36.6	37.0	37.4	28	--
GCV064	6.4 - 7.0	S	2.1	UBR 75	1.19	17.6	37.4	37.8	38.2	28	--
GCV070	7.0 - 7.8	S	1.9	UBR 75	1.19	17.6	38.2	38.7	39.2	--	28
GCC060	6.8 - 8.0	S	1.9	UBR 62	1.19	23.6	38.0	38.7	39.4	28	--
GCC080	8.0 - 8.5	S	1.7	N f / UBR	1.19	19.5	39.4	39.7	39.9	25	--
GCC100S	10 - 15	S	1.1	N f / UBR	1.3	19.5	41.3	43.3	44.8	--	28
GCC100D	10 - 15	D	1.1	N f / UBR	1.3	20	41.3	43.3	44.8	28	--
GCC150	15 - 18	S	0.8	N f / UBR	1.14	20	44.8	45.7	46.4	--	30
GCN040S / GCF040S	4.0 - 4.5	S	3.3	N f / UBR	1.26	20	33.4	33.9	34.4	30	--
GCN040D / GCF040D	4.0 - 4.5	D	3.3	N f / UBR	1.26	20	33.4	33.9	34.4	--	30
GCN045S / GCF045S	4.5 - 5	S	2.9	N f / UBR	1.26	20	34.4	34.9	35.3	30	--
GCN045S / GCF045D	4.5 - 5	D	2.9	N f / UBR	1.26	20	34.4	34.9	35.3	--	30
GCN050S / GCF050S	5 - 6	S	2.5	N f / UBR	1.2	20	35.3	36.1	36.9	30	--
GCN050D / GCF050D	5 - 6	D	2.5	N f / UBR	1.2	20	35.3	36.1	36.9	--	30
GCN058S / GCF058S	5.8 - 6.4	S	2.3	N f / UBR	1.2	20	36.6	37.0	37.4	32	--
GCN058D / GCF058D	5.8 - 6.4	D	2.3	N f / UBR	1.2	20	36.6	37.0	37.4	--	32
GCN064S / GCF064S	6.4 - 7.0	S	2.1	N f / UBR	1.2	23.6	37.4	37.8	38.2	32	--
GCN064D / GCF064D	6.4 - 7.0	D	2.1	N f / UBR	1.2	23.6	37.4	37.8	38.2	--	34
GCN069S / GCF069S	6.9 - 7.6	S	1.9	N f / UBR	1.2	23.6	38.1	38.5	38.9	32	--
GCN069D / GCF069D	6.9 - 7.6	D	1.9	N f / UBR	1.2	23.6	38.1	38.5	38.9	--	34
GCN076S / GCF076S	7.6 - 8.4	S	1.7	N f / UBR	1.2	23.6	38.9	39.4	39.8	32	--
GCN076D / GCF076D	7.6 - 8.4	D	1.7	N f / UBR	1.2		38.9	39.4	39.8		
GCN080S / GCF080S	8 - 9	S	1.6	N f / UBR	1.2		39.4	39.9	40.4		
GCN080D / GCF080D	8 - 9	D	1.6	N f / UBR	1.2		39.4	39.9	40.4		
GCN100S / GCF100S	10 - 13	S	1.2	N f / UBR	1.16		41.3	42.5	43.6		
GCN100D / GCF100D	10 - 13	D	1.2	N f / UBR	1.16		41.3	42.5	43.6		
GCN140S / GCF140S	14 - 15	S	1.0	N f / UBR	1.16		44.2	44.5	44.8		
GCN140D / GCF140D	14 - 15	D	1.0	N f / UBR	1.16	23.6	44.2	44.5	44.8	--	34

* Isolamento tra la porta E e la porta V / Decoupling between H and 4.2V polarization