

Steel Line



This family of satellite antennas is characterized by the back support made of galvanised steel. The high quality electrostatic powder coating of the dish grants an elevated resistance against the corrosive agents. With the exception of the 100cm, the elevation range allowed is from 0-90° without passing pole

STEEL LINE

Aluminium
Steel
Anthracite colour
White colour
Red colour

Dish dimensions (mm)

TEF40

-
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•
•
-

424x424

TEF57

-
•
•
•
-

512x603

TEF80

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•
•
•
-

845x745

TEF100

-
•
•
•
-

1090x991

LNB arms



TEF80

Antenna backstructures



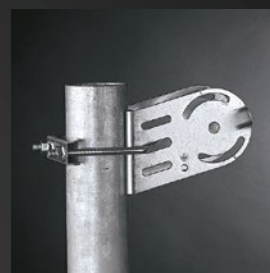
TEF80

LNB holders



TEF80

Azimuth/Elevation brackets



TEF80

STEEL LINE		TEF40	TEF57	TEF80	TEF100
Dish dimensions (external)	mm.	424x424	512x603	845x745	1090x991
Gain at 10,75 GHz	dB	32,0	33,2	37,0	39,8
Gain at 11,75 GHz	dB	32,2	34,2	38,1	40,5
Gain at 12,75 GHz	dB	32,6	34,9	39,1	40,9
Half power beamwidth at 12,75 GHz	deg.	< 5,0°	< 3,1°	< 2,2°	< 1,8°
Cross polar discrim. on main axis	dB	> 27	> 27	> 27	> 27
Mast clamp for	mm.	32 - 60	32 - 60	32 - 60	32 - 60
Elevation range	deg.	5° - 90°	5° - 90°	5° - 90°	12° - 52°
Elevation with passing pole	deg.	48°	38°	40°	44°
F/D ratio	-	0,6	0,65	0,6	0,55
Offset angle	deg.	25°	19°	25°	25°
Windloading at 72 Km/h	Kg	5	9	17	30
Windloading at 144 Km/h	Kg	20	34	69	119
Windloading at 216 Km/h	Kg	45	76	156	268
Feed bracket diameter	mm.	23 / 40	23 / 40	23 / 40	23 / 40
Available reflector materials	-	Aluminium			
Available colours	-	anthracite			
Back mount	made of:	galvanized steel			
AZ/EL holder	made of:	galvanized steel			
LNB Arm	made of:			aluminium: diameter 22mm	galv.steel: 30x20mm
LNB holder	made of:	plastic			

