



Essential

60 cm, 75cm, 80 cm, 90 cm & 100 cm steel Ku off-set dish antennas

Inverto's Essential series of satellite dish antennas was engineered to deliver high performance at cost optimized design and addresses cost-conscious DTH operators worldwide.

Continuing to uphold our market leading position, the Essential series of satellite dish antennas offers high quality, high performance and unparalleled durability which have become synonymous with our brand and ODU products. Manufactured to strict quality standards, Inverto satellite dish antennas undergo a rigorous anti-corrosion process applying polyester powder coating to prevent long-term corrosion and ensure durability and optimal reception-performance for DVB-S2 HDTV and UHD TV broadcasts across the globe.

Available models:

5853	60cm steel Ku off-set dish antenna 55x60cm, 0.6mm, steel bracket LG	IDLE-STCF60-KULGO-LPX
6431	65cm steel Ku off-set dish antenna 60x65cm, 0.5mm, steel bracket LG	IDLE-STCF61-KULGO-LPX
6086	75cm steel Ku off-set dish antenna 70x78cm, 0.6mm, steel bracket LG	IDLE-STCF70-KULGO-LPX
5854	80cm steel Ku off-set dish antenna 73x80cm, 0.6mm, steel bracket LG	IDLE-STCF80-KULGO-LPX
5855	90cm steel Ku off-set dish antenna 79x86cm, 0.6mm, steel bracket LG	IDLE-STCF90-KULGO-LPX
5879	100cm steel Ku off-set dish antenna 90x100cm, 0.6mm, steel bracket LG	IDLE-STCF10-KULGO-LPX
6084	100cm steel Ku off-set dish antenna 90x100cm, 0.7mm, steel bracket LG	IDLE-STCF11-KULGO-LPX



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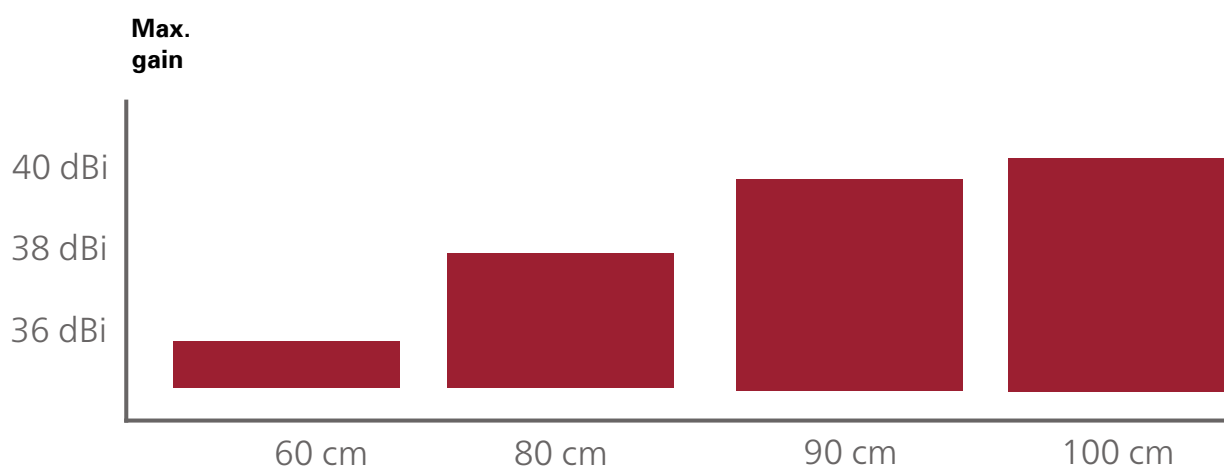
- Simple and quick to install
- Lasting quality - durable parts and solid construction
- High quality uniform surface with anti-corrosion coating
- Perfect reception quality with high gain across the band
- Bulk or single packaging

Technical Specifications

	IDLE-STCF60-KUXXO-LPX	IDLE-STCF65-KULGO-LPX	IDLE-STCF70-KUXXO-LPX
Reflector:			
Type	Offset	Offset	Offset
Reception frequency	10.7 GHz ~ 12.75 GHz	10.7 GHz ~ 12.75 GHz	10.7 GHz ~ 12.75 GHz
Antenna gain (Ku-band)	34.5 dBi ~ 35.5 dBi	35.5 dBi ~ 36.5 dBi	37.0 dBi ~ 38.0 dBi
Material	Galvanized steel	Galvanized steel	Galvanized steel
Reflector thickness	0.6 mm	0.5 mm	0.6 mm
Finish coat	Polyester powder coating	Polyester powder coating	Polyester powder coating
Color	Light grey (RAL7035) Anthracite (RAL7016)	Light grey (RAL7035) Anthracite (RAL7016)	Light grey (RAL7035) Anthracite (RAL7016)
Short axis diameter	59 cm (55 cm internal)	63,5 cm (60 cm internal)	75 cm (70 cm internal)
Long axis diameter	64 cm (60 cm internal)	68,5 cm (65 cm internal)	83 cm (78 cm internal)
LNB holder diameter \varnothing	40 mm	40 mm	40 mm
F/D	0.6	0.6	0.6
LNB arm	Galvanized steel Polyester powder coating	Galvanized steel Polyester powder coating	Galvanized steel Polyester powder coating
LNB holder	Plastic	Plastic	Plastic
Operational temp.	-40 °C ~ +60 °C	-40 °C ~ +60 °C	-40 °C ~ +60 °C
Operation wind	100 km/h	100 km/h	100 km/h
Survival wind	144 km/h	144 km/h	144 km/h
Reflector bracket:			
Material	Galvanized steel	Galvanized steel	Galvanized steel
Finish coat	Polyester powder coating	Polyester powder coating	Polyester powder coating
Azimuth alignment	0 ° ~ 360 °	0 ° ~ 360 °	0 ° ~ 360 °
Elevation alignment	0 ° ~ 90 °	0 ° ~ 90 °	0 ° ~ 90 °
Universal mount/L-mount:			
Material	Galvanized steel	Galvanized steel	Galvanized steel
Finish coat	Polyester powder coating	Polyester powder coating	Polyester powder coating

Technical Specifications

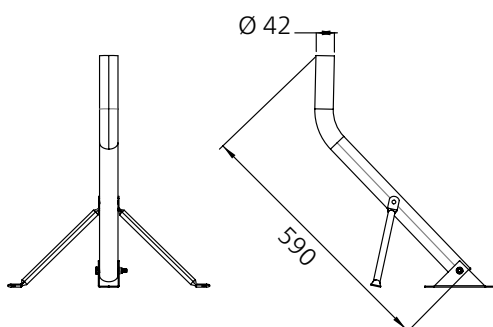
	IDLE-STCF80-KUXXO-LPX	IDLE-STCF90-KUXXO-LPX	IDLE-STCF10-KUXXO-LPX (0.6 mm) IDLE-STCF11-KUXXO-LPX (0.7 mm)
Reflector:			
Type	Offset	Offset	Offset
Reception frequency	10.7 GHz ~ 12.75 GHz	10.7 GHz ~ 12.75 GHz	10.7 GHz ~ 12.75 GHz
Antenna gain (Ku-band)	37.5 dBi ~ 38.5 dBi	38.5 dBi ~ 40 dBi	39 dBi ~ 40.5 dBi
Material	Galvanized steel	Galvanized steel	Galvanized steel
Reflector thickness	0.6 mm	0.6 mm	0.6 mm / 0.7 mm
Finish coat	Polyester powder coating	Polyester powder coating	Polyester powder coating
Color	optional Light grey (RAL7035) Anthracite (RAL7016)	Light grey (RAL7035) Anthracite (RAL7016)	Light grey (RAL7035) Anthracite (RAL7016)
Short axis diameter	78 cm (73.5 cm internal)	83.5 cm (78.5 cm internal)	94.5 cm (90 cm internal)
Long axis diameter	85.5 cm (80.5 cm internal)	91.5 cm (86 cm internal)	103.5 cm (100 cm internal)
LNB holder diameter \varnothing	40 mm	40 mm	40 mm
F/D	0.6	0.6	0.6
LNB Arm	Galvanized steel Polyester powder Coating	Galvanized steel Polyester powder coating	Galvanized steel Polyester powder coating
LNB holder	Plastic	Plastic	Plastic
Operational temp.	-40 °C ~ +60 °C	-40 °C ~ +60 °C	-40 °C + 60 °C
Operation wind	90 km/h	90 km/h	80 km/h
Survival wind	144 km/h	130 km/h	110 km/h
Reflector bracket:			
Material	Galvanized steel	Galvanized steel	Galvanized steel
Finish coat	Polyester powder coating	Polyester powder coating	Polyester powder coating
Azimuth alignment	0 ° ~ 360 °	0 ° ~ 360 °	0 ° ~ 360 °
Elevation alignment	0 ° ~ 90 °	0 ° ~ 90 °	5 ° ~ 85 °
Universal mount/L-mount:			
Material	Galvanized steel	Galvanized steel	Galvanized steel
Finish coat	Polyester powder coating	Polyester powder coating	Polyester powder coating



Available sets with Universal mounts:

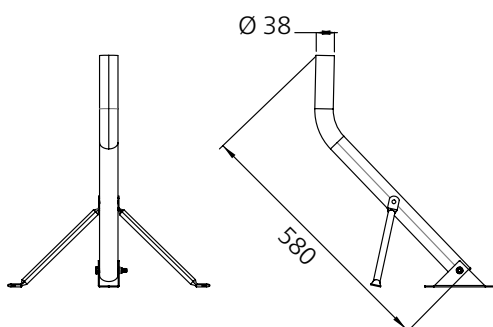
Sets with Ø42 mm universal mounts:

5842	60cm steel Ku off-set dish antenna 55x60cm, 0.6mm steel bracket LG + Universal mount steel LG 590x1.2/Ø42 mm	IDLK-STCF60-UB42G-LPX
6432	65cm steel Ku off-set dish antenna 60x65cm, 0.5mm, steel bracket LG + Universal mount steel LG 590x1.2/Ø42 mm	IDLK-STCF65-UB42G-LPX
6088	75cm steel Ku off-set dish antenna 70x78cm, 0.6mm, steel bracket LG + Universal mount steel LG 590x1.2/Ø42 mm	IDLK-STCF70-UB42G-LPX
5843	80cm steel Ku off-set dish antenna 73x80cm, 0.6mm, steel bracket LG + Universal mount steel LG 590x1.2/Ø42 mm	IDLK-STCF80-UB42G-LPX
5844	90cm steel Ku off-set dish antenna 79x86cm, 0.6mm, steel bracket LG + Universal mount steel LG 590x1.2/Ø42 mm	IDLK-STCF90-UB42G-LPX
5881	100cm steel Ku off-set dish antenna 90x100cm, 0.6mm, steel bracket LG + Universal mount steel LG 590x1.2/Ø42 mm	IDLK-STCF10-UB42G-LPX
5882	100cm steel Ku off-set dish antenna 90x100cm, 0.7mm, steel bracket LG + Universal mount steel LG 590x1.2/Ø42 mm	IDLK-STCF11-UB42G-LPX



Sets with Ø38 mm universal mounts:

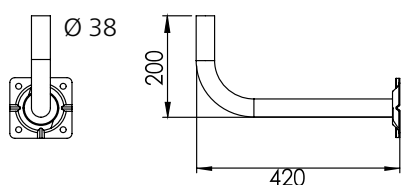
5845	60cm steel Ku off-set dish antenna 55x60cm, 0.6mm steel bracket LG + Universal mount steel LG 580x1.2/Ø38 mm	IDLK-STCF60-UB38G-LPX
6433	65cm steel Ku off-set dish antenna 60x65cm, 0.5mm, steel bracket LG + Universal mount steel LG 580x1.2/Ø38 mm	IDLK-STCF65-UB38G-LPX
6089	75cm steel Ku off-set dish antenna 70x78cm, 0.6mm, steel bracket LG + Universal mount steel LG 580x1.2/Ø38 mm	IDLK-STCF70-UB38G-LPX
5846	80cm steel Ku off-set dish antenna 73x80cm, 0.6mm, steel bracket LG + Universal mount steel LG 580x1.2/Ø38 mm	IDLK-STCF80-UB38G-LPX
5847	90cm steel Ku off-set dish antenna 79x86cm, 0.6mm, steel bracket LG + Universal mount steel LG 580x1.2/Ø38 mm	IDLK-STCF90-UB38G-LPX



Available sets with L-mount:

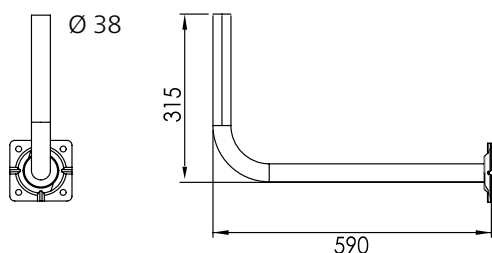
Sets with Ø38 mm, 200 mm x 420 mm L-shape wall mount:

5776	60cm steel Ku off-set dish antenna 55x60cm, 0.6mm steel bracket LG + L-Mount bent steel LG 200x420x1.8/Ø38 mm/125x125x2 mm base	IDLK-STCF60-LB20G-LPX
6434	65cm steel Ku off-set dish antenna 60x65cm, 0.5mm, steel bracket LG + L-Mount bent steel LG 200x420x1.8/Ø38 mm/125x125x2 mm base	IDLK-STCF65-LB20G-LPX
6090	75cm steel Ku off-set dish antenna 70x78cm, 0.6mm, steel bracket LG + L-Mount bent steel LG 200x420x1.8/Ø38 mm/125x125x2 mm base	IDLK-STCF70-LB20G-LPX
5777	80cm steel Ku off-set dish antenna 73x80cm, 0.6mm, steel bracket LG + L-Mount bent steel LG 200x420x1.8/Ø38 mm/125x125x2 mm base	IDLK-STCF80-LB20G-LPX
5778	90cm steel Ku off-set dish antenna 79x86cm, 0.6mm, steel bracket LG + L-Mount bent steel LG 200x420x1.8/Ø38 mm/125x125x2 mm base	IDLK-STCF90-LB20G-LPX



Sets with Ø38 mm, 315 mm x 590 mm L-shape wall mount:

5779	60cm steel Ku off-set dish antenna 55x60cm, 0.6mm steel bracket LG + L-Mount bent steel LG 315x590x1.8/Ø38 mm/125x125x2 mm base	IDLK-STCF60-LB31G-LPX
6435	65cm steel Ku off-set dish antenna 60x65cm, 0.5mm, steel bracket LG + L-Mount bent steel LG 315x590x1.8/Ø38 mm/125x125x2 mm base	IDLK-STCF65-LB31G-LPX
6091	75cm steel Ku off-set dish antenna 70x78cm, 0.6mm, steel bracket LG + L-Mount bent steel LG 315x590x1.8/Ø38 mm/125x125x2 mm base	IDLK-STCF70-LB31G-LPX
5784	80cm steel Ku off-set dish antenna 73x80cm, 0.6mm, steel bracket LG + L-Mount bent steel LG 315x590x1.8/Ø38 mm/125x125x2 mm base	IDLK-STCF80-LB31G-LPX
5785	90cm steel Ku off-set dish antenna 79x86cm, 0.6mm, steel bracket LG + L-Mount bent steel LG 315x590x1.8/Ø38 mm/125x125x2 mm base	IDLK-STCF90-LB31G-LPX





RF performance

Our long history of leadership in RF technology research, and quality assurance that involve the strictest production line testing have enabled us to bring to market a Dish solution that combines optimal antenna geometry with advanced performance levels.



Weather proof

Our specially developed anticorrosive coating process includes cleaning, phosphate and polyester powder coating and rigorous tests in large scale salt mist chambers. Our products are tested in specialized wind-tunnels in which they are exposed to various wind velocities from different directions and elevations.



Mechanical design

We design our antenna dishes for ease and solidity of assembly of all the system elements in order to ensure long-term durability of the dish in the toughest conditions.



Quality

Our satellite dish range is built to the strongest mechanical quality requirements. Automated processes and the use of precision tools ensure a uniform cross-yield high quality and specification compliance of all our products.



Easy installation

A user-friendly product design philosophy ensures our antenna dishes are quick and easy to assemble in first use and easily adjusted, if needed, during their life time.



Logistics friendly

Our customers can choose from a variety of flexible packaging solutions. Individual or bulk packaging ensures minimized transportation and handling costs.



Customer service & Support

We at Inverto value our customers and are able to offer them our special customer and service support which has positioned us as a market leading brand for many years.



One-Stop-Shop solution

With our extensive range of LNBS for any installation scenario (SD or HDTV reception), Inverto can offer you a complete satellite reception solution with customized dish-packs for improved economy and cost-effectiveness.