



# 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 (light grey)	IDLE-STCF60-KULGO-LPX
6086	75cm steel Ku off-set dish antenna (light grey)	IDLK-STCF70-LB31G-LPX
5854	80cm steel Ku off-set dish antenna (light grey)	IDLE-STCF80-KULGO-LPX
5855	90cm steel Ku off-set dish antenna (light grey)	IDLE-STCF90-KULGO-LPX
5879	100cm steel Ku off-set dish antenna 0.6mm (light grey)	IDLE-STCF10-KULGO-LPX
6084	100cm steel Ku off-set dish antenna 0.7mm (light grey)	IDLE-STCF11-KULGO-LPX



[www.inverto.tv](http://www.inverto.tv)



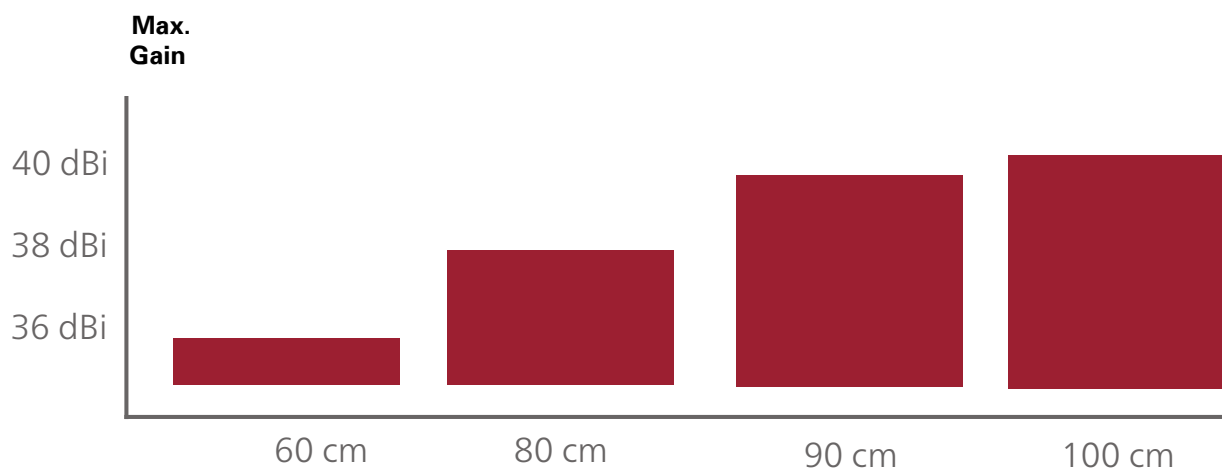
- Simple and quick to install
- Lasting quality - durable parts and solid construction
- High quality uniform surface with anti-corrosion coating
- Perfect reception quality with high gain across the band
- Bulk or single packaging

## Technical Specifications

	IDLE-STCF60-KUXXO-LPX	IDLE-STCF70-KUXXO-LPX	IDLE-STCF80-KUXXO-LPX
<b>Reflector:</b>			
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)	35.5 dBi ~ 36.5 dBi	35.5 dBi ~ 36.5 dBi	37 dBi ~ 38 dBi
Material	Galvanized Steel	Galvanized Steel	Galvanized Steel
Reflector thickness	0.6 mm	0.6 mm	0.6 mm
Finish Coat	Polyester Powder Coating	Polyester Powder Coating	Polyester Powder Coating
Color	Anthracite (RAL7016) Light grey (RAL7035)	Anthracite (RAL7016) Light grey (RAL7035)	Anthracite (RAL7016) Light grey (RAL7035)
Short Axis Diameter	59 cm (55 cm Internal)	75 cm (70 cm internal)	78 cm (73.5 cm Internal)
Long Axis Diameter	64 cm (60 cm Internal)	83 cm (78 cm internal)	85.5 cm (80.5 cm Internal)
LNB Holder diameter ø	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	90 km/h
Survival Wind	144 km/h	144 km/h	144 km/h
<b>Mount:</b>			
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°
<b>Universal bracket/L-bracket:</b>			
Material	Galvanized Steel	Galvanized Steel	Galvanized Steel
Finish Coat	Polyester Powder Coating	Polyester Powder Coating	Polyester Powder Coating

## Technical Specifications

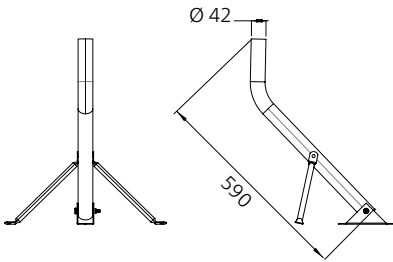
	IDLE-STCF90-KUXXO-LPX	IDLE-STCF10-KUXXO-LPX (0.6mm) IDLE-STCF11-KUXXO-LPX (0.7mm)
<b>Reflector:</b>		
Type	Offset	Offset
Reception Frequency	10.7 GHz ~ 12.75 GHz	10.7 GHz ~ 12.75 GHz
Antenna Gain (Ku-Band)	38.5 dBi ~ 40 dBi	39 dBi ~ 40.5 dBi
Material	Galvanized Steel	Galvanized Steel
Reflector thickness	0.6 mm	0.6 mm / 0.7mm
Finish Coat	Polyester Powder Coating	Polyester Powder Coating
Color	Anthracite (RAL7016) Light grey (RAL7035)	Anthracite (RAL7016) Light grey (RAL7035)
Short Axis Diameter	83.5 cm (78.5 cm Internal)	94.5 cm (90 cm Internal)
Long Axis Diameter	91.5 cm (86 cm Internal)	103.5 cm (100 cm Internal)
LNB Holder diameter $\varnothing$	40 mm	40 mm
F/D	0.6	0.6
LNB Arm	Galvanized Steel Polyester Powder Coating	Galvanized Steel Polyester Powder Coating
LNB holder	Plastic	Plastic
Operational Temp.	-40°C ~ +60°C	-40°C + 60°C
Operation Wind	90 km/h	80 km/h
Survival Wind	130 km/h	110 km/h
<b>Mount:</b>		
Material	Galvanized Steel	Galvanized Steel
Finish Coat	Polyester Powder Coating	Polyester Powder Coating
Azimuth Alignment	0° ~ 360°	0° ~ 360°
Elevation Alignment	0° ~ 90°	5° ~ 85°
<b>Universal bracket/L-bracket:</b>		
Material	Galvanized Steel	Galvanized Steel
Finish Coat	Polyester Powder Coating	Polyester Powder Coating



## Available sets:

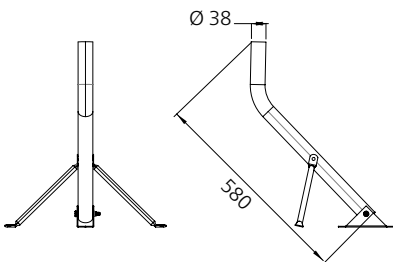
### Sets with Ø42mm universal mounting brackets:

5842	60cm steel	Ku off-set dish antenna LG with Universal Bracket Steel 590mm x Ø42 x 1.5mm	IDLK-STCF60-UB42G-LPX
6088	75cm steel	Ku off-set dish antenna LG with Universal Bracket Steel 590mm x Ø42 x 1.5mm	IDLK-STCF70-UB42G-LPX
5843	80cm steel	Ku off-set dish antenna LG with Universal Bracket Steel 590mm x Ø42 x 1.5mm	IDLK-STCF80-UB42G-LPX
5844	90cm steel	Ku off-set dish antenna LG with Universal Bracket Steel 590mm x Ø42 x 1.5mm	IDLK-STCF90-UB42G-LPX
5881	100cm steel	Ku off-set dish antenna LG with Universal Bracket Steel 590mm x Ø42 x 1.5mm	IDLK-STCF10-UB42G-LPX
5882	100cm/0.7mm steel	Ku off-set dish antenna LG with Universal Bracket Steel 700mm x 42Ø x 1.5mm	IDLK-STCF11-UB42G-LPX



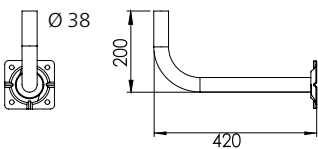
### Sets with Ø38mm universal mounting brackets:

5845	60cm steel	Ku off-set dish antenna LG with Universal Bracket Steel 580mm x Ø38 x 1.5mm	IDLK-STCF60-UB38G-LPX
6089	75cm steel	Ku off-set dish antenna LG with Universal Bracket Steel 580mm x Ø38 x 1.5mm	IDLK-STCF70-UB38G-LPX
5846	80cm steel	Ku off-set dish antenna LG with Universal Bracket Steel 580mm x Ø38 x 1.5mm	IDLK-STCF80-UB38G-LPX
5847	90cm steel	Ku off-set dish antenna LG with Universal Bracket Steel 580mm x Ø38 x 1.5mm	IDLK-STCF90-UB38G-LPX



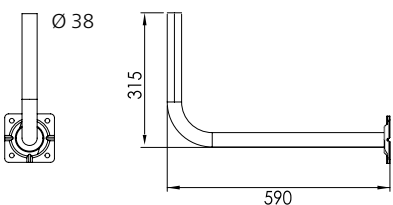
### Sets with Ø38mm, 200mm x 420mm L-shape wall mount bracket:

5776	60cm steel	Ku off-set dish antenna LG with L Bracket Bent Steel 200mm x 420mm x Ø38 x 1.8mm	IDLK-STCF60-LB20G-LPX
6090	75cm steel	Ku off-set dish antenna LG with L Bracket Bent Steel 200mm x 420mm x Ø38 x 1.8mm	IDLK-STCF70-LB20G-LPX
5777	80cm steel	Ku off-set dish antenna LG with L Bracket Bent Steel 200mm x 420mm x Ø38 x 1.8mm	IDLK-STCF80-LB20G-LPX
5778	90cm steel	Ku off-set dish antenna LG with L Bracket Bent Steel 200mm x 420mm x Ø38 x 1.8mm	IDLK-STCF90-LB20G-LPX



### Sets with Ø38mm, 315mm x 590mm L-shape wall mount bracket:

5779	60cm steel	Ku off-set dish antenna LG with L Bracket Bent Steel 315mm x 590mm x Ø38 x 1.8mm	IDLK-STCF60-LB31G-LPX
6091	75cm steel	Ku off-set dish antenna LG with L Bracket Bent Steel 315mm x 590mm x Ø38 x 1.8mm	IDLK-STCF70-LB31G-LPX
5784	80cm steel	Ku off-set dish antenna LG with L Bracket Bent Steel 315mm x 590mm x Ø38 x 1.8mm	IDLK-STCF80-LB31G-LPX
5785	90cm steel	Ku off-set dish antenna LG with L Bracket Bent Steel 315mm x 590mm x Ø38 x 1.8mm	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 their 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.