



# **HOME** Pro

## Steel Ku off-set dish antenna with steel bracket

Inverto's HOME Pro series of satellite dish antennas integrates high quality, high performance and cost-effective design, addressing quality-conscious DTH operators worldwide.

Continuing to uphold our market leading position, the HOME Pro series of satellite dish antennas boast robust mechanical structure design, are easy and quick to install and offer unparalleled reliability 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 UHDTV broadcasts across the globe.

### Available models:

| 6528 | 65cm steel Ku off-set dish antenna 60x65cm, 0.6mm, steel bracket RAL7035    | IDLB-STCF60-KULGO-LYU |
|------|---|-----------------------|
| 6635 | 80cm steel Ku off-set dish antenna 75x83cm, 0.7mm, steel bracket RAL7035    | IDLB-STCF80-KULG7-LYU |
| 6636 | 90cm steel Ku off-set dish antenna 80x88cm, 0.7mm, steel bracket RAL7035    | IDLB-STCF90-KULG7-LYU |
| 6509 | 100cm steel Ku off-set dish antenna 90 x 99cm, 0.7mm, steel bracket RAL7035 | IDLB-STCF10-KULG7-LYU |





- Easy and quick to install, LNB arm with cable pass-through
- 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**

| Reflector:       Type     Offset     Offset       Reception frequency     10.7 GHz ~ 12.75 GHz     10.7 GHz ~ 12.75 GHz       Antenna gain (Ku-Band)     35 dBi ~ 37 dBi     37 dBi ~ 38 dBi       Material     Galvanized Steel     Galvanized Steel       Reflector thickness     0.6 mm     0.7 mm       Finish coat     Polyester Powder Coating     Polyester Powder Coating       Color     Light grey (RAL7035)<br>Anthracite grey (RAL7016)*     Light grey (RAL7016)*       Small axis diameter     60 cm (62cm external)     75 cm (79 cm external)       Long axis diameter     66 cm (68 cm external)     83 cm (85 cm external)       LNB holder diameter     40 mm     40 mm       F/D     0.6     0.6       LNB arm     Galvanized steel (Zinc phosphate)<br>Polyester Powder Coating     Polyester Powder Coating       LNB Holder     Plastic, UV protected     Plastic, UV protected       Operation wind     90 km/h     90 km/h       Survival wind     144 km/h     144 km/h       Brackets:     Brackets:       Material     Galvanized steel (Zinc phosphate)     Galvanized steel (Zinc phosphate)       Finish coat     Polyester Powder Coating     Polyester Powder Coating       Azimuth alignment     0° ~ 360°     0° ~ 360°       Floel diameter     60 mm max. (2x U   |                        | IDLB-STCF60-KULGO-LYU (6528)      | IDLB-STCF80-KULG7-LYU (6635)      |
|--|------------------------|-----------------------------------|-----------------------------------|
| Reception frequency  10.7 GHz ~ 12.75 GHz  Antenna gain (Ku-Band)  35 dBi ~ 37 dBi  37 dBi ~ 38 dBi  Material  Galvanized Steel  Reflector thickness  0.6 mm  0.7 mm  Finish coat  Polyester Powder Coating  Polyester Powder Coating  Color  Light grey (RAL7035) Anthracite grey (RAL7016)*  Anthracite grey (RAL7016)*  Small axis diameter  60 cm (62 cm external)  LONG axis diameter  66 cm (68 cm external)  NB holder diameter  40 mm  40 mm  40 mm  F/D  0.6  LNB arm  Galvanized steel (Zinc phosphate) Polyester Powder Coating  Polyester Powder Coating  LNB Holder  Plastic, UV protected  Plastic, UV protected  Plastic, UV protected  Operational temp.  -40°C ~ +60°C  Operation wind  90 km/h  Survival wind  Brackets:  Material  Galvanized steel (Zinc phosphate) Polyester Powder Coating  Polyester Powder Coating  Polyester Powder Coating  Polyester Powder Coating  Galvanized steel (Zinc phosphate) Polyester Powder Coating   | Reflector:             |                                   |                                   |
| Antenna gain (Ku-Band)  Antenna gain (Ku-Band)  Material  Galvanized Steel  Galvanized Steel  Reflector thickness  0.6 mm  0.7 mm  Finish coat  Polyester Powder Coating  Color  Light grey (RAL7035) Anthracite grey (RAL7016)*  Anthracite grey (RAL7016)*  Small axis diameter  60 cm (62 cm external)  Long axis diameter  66 cm (68 cm external)  NB holder diameter  40 mm  40 mm  40 mm  F/D  0.6  Calvanized steel (Zinc phosphate) Polyester Powder Coating  LNB arm  Galvanized steel (Zinc phosphate) Polyester Powder Coating  LNB Holder  Plastic, UV protected  Operation wind  90 km/h  Survival wind  144 km/h  Survival wind  Galvanized steel (Zinc phosphate)  Galvanized steel (Zinc phosphate)  Finish coat  Polyester Powder Coating  | Туре                   | Offset                            | Offset                            |
| Material       Galvanized Steel       Galvanized Steel         Reflector thickness       0.6 mm       0.7 mm         Finish coat       Polyester Powder Coating       Polyester Powder Coating         Color       Light grey (RAL7035) Anthracite grey (RAL7035) Anthracite grey (RAL7016)*       Light grey (RAL7016)*         Small axis diameter       60 cm (62cm external)       75 cm (79 cm external)         Long axis diameter       66 cm (68 cm external)       83 cm (85 cm external)         LNB holder diameter       40 mm       40 mm         F/D       0.6       0.6         LNB arm       Galvanized steel (Zinc phosphate) Polyester Powder Coating       Galvanized steel (Zinc phosphate) Polyester Powder Coating         LNB Holder       Plastic, UV protected       Plastic, UV protected         Operational temp.       -40°C ~ +60°C       -40°C ~ +60°C         Operation wind       90 km/h       90 km/h         Survival wind       144 km/h       144 km/h         Brackets:         Material       Galvanized steel (Zinc phosphate) Galvanized steel (Zinc phosphate)         Finish coat       Polyester Powder Coating       Polyester Powder Coating         Azimuth alignment       0° ~ 360°       0° ~ 360°         Elevation alignment       0° ~ 80°       0° ~ 80°  | Reception frequency    | 10.7 GHz ~ 12.75 GHz              | 10.7 GHz ~ 12.75 GHz              |
| Reflector thickness 0.6 mm 0.7 mm  Finish coat Polyester Powder Coating Polyester Powder Coating  Color Light grey (RAL7035) Light grey (RAL7035) Anthracite grey (RAL7016)*  Small axis diameter 60 cm (62cm external) 75 cm (79 cm external)  Long axis diameter 66 cm (68 cm external) 83 cm (85 cm external)  LNB holder diameter 40 mm 40 mm  F/D 0.6 0.6  LNB arm Galvanized steel (Zinc phosphate) Polyester Powder Coating  LNB Holder Plastic, UV protected Plastic, UV protected  Operational temp40°C ~ +60°C -40°C ~ +60°C  Operation wind 90 km/h 90 km/h  Survival wind 144 km/h  Prackets:  Material Galvanized steel (Zinc phosphate) Galvanized steel (Zinc phosphate) Finish coat Polyester Powder Coating Polyester Powder Coating  Polyester Powder Coating Polyester Powder Coating Polyester Powder Coating Polyester Powder Coating Polyester Powder Coating Polyester Powder Coating Polyester Powder Coating Polyester Powder Coating Polyester Powder Coating Polyester Powder Coating Polyester Powder Coating Polyester Powder Coating Azimuth alignment 0° ~ 360° 0° ~ 360°  Elevation alignment 0° ~ 80° 0° ~ 80°  | Antenna gain (Ku-Band) | 35 dBi ~ 37 dBi                   | 37 dBi ~ 38 dBi                   |
| Finish coat  Polyester Powder Coating Polyester Powder Coating Polyester Powder Coating Color  Light grey (RAL7035) Anthracite grey (RAL7016)* Anthracite grey (RAL7016)*  Small axis diameter 60 cm (62 cm external) 75 cm (79 cm external) Long axis diameter 66 cm (68 cm external) 83 cm (85 cm external)  LNB holder diameter 40 mm 40 mm  F/D 0.6 0.6  LNB arm Galvanized steel (Zinc phosphate) Polyester Powder Coating Polyester Powder Coating  LNB Holder Plastic, UV protected Plastic, UV protected Operational temp. 40°C ~ +60°C -40°C ~ +60°C Operation wind 90 km/h Survival wind  Parackets:  Material Galvanized steel (Zinc phosphate) Finish coat Polyester Powder Coating | Material               | Galvanized Steel                  | Galvanized Steel                  |
| ColorLight grey (RAL7035)<br>Anthracite grey (RAL7016)*Light grey (RAL7035)<br>Anthracite grey (RAL7016)*Small axis diameter60 cm (62cm external)75 cm (79 cm external)Long axis diameter66 cm (68 cm external)83 cm (85 cm external)LNB holder diameter40 mm40 mmF/D0.60.6LNB armGalvanized steel (Zinc phosphate)<br>Polyester Powder CoatingGalvanized steel (Zinc phosphate)<br>Polyester Powder CoatingLNB HolderPlastic, UV protectedPlastic, UV protectedOperational temp40°C ~ +60°C-40°C ~ +60°COperation wind90 km/h90 km/hSurvival wind144 km/h144 km/hBrackets:MaterialGalvanized steel (Zinc phosphate)Galvanized steel (Zinc phosphate)Finish coatPolyester Powder CoatingPolyester Powder CoatingAzimuth alignment0° ~ 360°0° ~ 360°Elevation alignment0° ~ 80°0° ~ 80°   | Reflector thickness    | 0.6 mm                            | 0.7 mm                            |
| Anthracite grey (RAL7016)*  Anthracite grey (RAL7016)*  Small axis diameter  60 cm (62 cm external)  75 cm (79 cm external)  83 cm (85 cm external)  LNB holder diameter  40 mm  40 mm  40 mm  F/D  0.6  LNB arm  Galvanized steel (Zinc phosphate) Polyester Powder Coating  LNB Holder  Plastic, UV protected  Plastic, UV protected  Operational temp.  -40°C ~ +60°C  Operation wind  90 km/h  Survival wind  Prover Service (Zinc phosphate) Polyester Powder Coating  Brackets:  Material  Galvanized steel (Zinc phosphate) Galvanized steel (Zinc phosphate) Galvanized steel (Zinc phosphate)  Galvanized steel (Zinc phosphate)  Galvanized steel (Zinc phosphate)  Galvanized steel (Zinc phosphate)  Finish coat  Polyester Powder Coating  Polyester Powder Coating  Azimuth alignment  0° ~ 360°  0° ~ 360°  Elevation alignment   | Finish coat            | Polyester Powder Coating          | Polyester Powder Coating          |
| Long axis diameter  LNB holder diameter  40 mm  40 mm  F/D  0.6  0.6  LNB arm  Galvanized steel (Zinc phosphate) Polyester Powder Coating  LNB Holder  Operational temp.  -40°C ~ +60°C  Operation wind  90 km/h  Survival wind  Packets:  Material  Galvanized steel (Zinc phosphate) Polyester Powder Coating  Galvanized steel (Zinc phosphate) Polyester Powder Coating  Plastic, UV protected  Plastic, UV protected  Plastic, UV protected  Plastic, UV protected  Polyester Powder Coating  Poly km/h  144 km/h  Brackets:  Material  Galvanized steel (Zinc phosphate)  Galvanized steel (Zinc phosphate)  Finish coat  Polyester Powder Coating  Polyester Powder Coating  Azimuth alignment  0° ~ 360°  0° ~ 360°  0° ~ 80°  0° ~ 80°  | Color                  |                                   |                                   |
| LNB holder diameter 40 mm 40 mm  F/D 0.6 0.6  LNB arm Galvanized steel (Zinc phosphate) Polyester Powder Coating Polyester Powder Coating  LNB Holder Plastic, UV protected Plastic, UV protected  Operational temp40°C ~ +60°C -40°C ~ +60°C  Operation wind 90 km/h 90 km/h  Survival wind 144 km/h 144 km/h  Brackets:  Material Galvanized steel (Zinc phosphate) Galvanized steel (Zinc phosphate)  Finish coat Polyester Powder Coating Polyester Powder Coating  Azimuth alignment 0° ~ 360° 0° ~ 360°  Elevation alignment 0° ~ 80° 0° ~ 80°   | Small axis diameter    | 60 cm (62cm external)             | 75 cm (79 cm external)            |
| F/D0.60.6LNB armGalvanized steel (Zinc phosphate)<br>Polyester Powder CoatingGalvanized steel (Zinc phosphate)<br>Polyester Powder CoatingLNB HolderPlastic, UV protectedPlastic, UV protectedOperational temp. $-40^{\circ}\text{C} \sim +60^{\circ}\text{C}$ $-40^{\circ}\text{C} \sim +60^{\circ}\text{C}$ Operation wind $90 \text{ km/h}$ $90 \text{ km/h}$ Survival wind $144 \text{ km/h}$ $144 \text{ km/h}$ Brackets:MaterialGalvanized steel (Zinc phosphate)Galvanized steel (Zinc phosphate)Finish coatPolyester Powder CoatingPolyester Powder CoatingAzimuth alignment $0^{\circ} \sim 360^{\circ}$ $0^{\circ} \sim 360^{\circ}$ Elevation alignment $0^{\circ} \sim 80^{\circ}$ $0^{\circ} \sim 80^{\circ}$   | Long axis diameter     | 66 cm (68 cm external)            | 83 cm (85 cm external)            |
| LNB arm  Galvanized steel (Zinc phosphate) Polyester Powder Coating  Galvanized steel (Zinc phosphate) Polyester Powder Coating  Plastic, UV protected  Plastic, UV protected  Operational temp. $-40^{\circ}\text{C} \sim +60^{\circ}\text{C}$ Operation wind  90 km/h  Survival wind  Protected  90 km/h  144 km/h   Brackets:  Material  Galvanized steel (Zinc phosphate) Galvanized steel (Zinc phosphate)  Galvanized steel (Zinc phosphate)  Finish coat  Polyester Powder Coating  Polyester Powder Coating  Azimuth alignment $0^{\circ} \sim 360^{\circ}$ $0^{\circ} \sim 360^{\circ}$ Elevation alignment $0^{\circ} \sim 80^{\circ}$ $0^{\circ} \sim 80^{\circ}$   | LNB holder diameter    | 40 mm                             | 40 mm                             |
| LNB HolderPolyester Powder CoatingPolyester Powder CoatingLNB HolderPlastic, UV protectedPlastic, UV protectedOperational temp. $-40^{\circ}\text{C} \sim +60^{\circ}\text{C}$ $-40^{\circ}\text{C} \sim +60^{\circ}\text{C}$ Operation wind $90 \text{ km/h}$ $90 \text{ km/h}$ Survival wind $144 \text{ km/h}$ $144 \text{ km/h}$ Brackets:MaterialGalvanized steel (Zinc phosphate)Galvanized steel (Zinc phosphate)Finish coatPolyester Powder CoatingPolyester Powder CoatingAzimuth alignment $0^{\circ} \sim 360^{\circ}$ $0^{\circ} \sim 360^{\circ}$ Elevation alignment $0^{\circ} \sim 80^{\circ}$ $0^{\circ} \sim 80^{\circ}$   | F/D                    | 0.6                               | 0.6                               |
| Operational temp. $-40^{\circ}\text{C} \sim +60^{\circ}\text{C}$ $-40^{\circ}\text{C} \sim +60^{\circ}\text{C}$ Operation wind 90 km/h 90 km/h Survival wind 144 km/h 144 km/h  Brackets:  Material Galvanized steel (Zinc phosphate) Galvanized steel (Zinc phosphate) Finish coat Polyester Powder Coating Polyester Powder Coating Azimuth alignment $0^{\circ} \sim 360^{\circ}$ $0^{\circ} \sim 360^{\circ}$ Elevation alignment $0^{\circ} \sim 80^{\circ}$ $0^{\circ} \sim 80^{\circ}$  | LNB arm                |                                   |                                   |
| Operation wind 90 km/h 90 km/h Survival wind 144 km/h 144 km/h  Brackets:  Material Galvanized steel (Zinc phosphate) Galvanized steel (Zinc phosphate)  Finish coat Polyester Powder Coating Polyester Powder Coating  Azimuth alignment $0^{\circ} \sim 360^{\circ}$ $0^{\circ} \sim 360^{\circ}$ Elevation alignment $0^{\circ} \sim 80^{\circ}$ $0^{\circ} \sim 80^{\circ}$  | LNB Holder             | Plastic, UV protected             | Plastic, UV protected             |
| Survival wind 144 km/h 144 km  | Operational temp.      | -40°C ~ +60°C                     | -40°C ~ +60°C                     |
| Brackets:  Material Galvanized steel (Zinc phosphate) Galvanized steel (Zinc phosphate)  Finish coat Polyester Powder Coating Polyester Powder Coating  Azimuth alignment $0^{\circ} \sim 360^{\circ}$ $0^{\circ} \sim 360^{\circ}$ Elevation alignment $0^{\circ} \sim 80^{\circ}$ $0^{\circ} \sim 80^{\circ}$  | Operation wind         | 90 km/h                           | 90 km/h                           |
| Material Galvanized steel (Zinc phosphate) Galvanized steel (Zinc phosphate)  Finish coat Polyester Powder Coating Polyester Powder Coating  Azimuth alignment $0^{\circ} \sim 360^{\circ}$ $0^{\circ} \sim 360^{\circ}$ Elevation alignment $0^{\circ} \sim 80^{\circ}$ $0^{\circ} \sim 80^{\circ}$   | Survival w <b>ind</b>  | 144 km/h                          | 144 km/h                          |
| Material Galvanized steel (Zinc phosphate) Galvanized steel (Zinc phosphate)  Finish coat Polyester Powder Coating Polyester Powder Coating  Azimuth alignment $0^{\circ} \sim 360^{\circ}$ $0^{\circ} \sim 360^{\circ}$ Elevation alignment $0^{\circ} \sim 80^{\circ}$ $0^{\circ} \sim 80^{\circ}$   |                        |                                   |                                   |
| Finish coat Polyester Powder Coating Polyester Powder Coating Azimuth alignment $0^{\circ} \sim 360^{\circ}$ $0^{\circ} \sim 360^{\circ}$ Elevation alignment $0^{\circ} \sim 80^{\circ}$ $0^{\circ} \sim 80^{\circ}$  | Brackets:              |                                   |                                   |
| Azimuth alignment $0^{\circ} \sim 360^{\circ}$ $0^{\circ} \sim 360^{\circ}$ Elevation alignment $0^{\circ} \sim 80^{\circ}$ $0^{\circ} \sim 80^{\circ}$  | Material               | Galvanized steel (Zinc phosphate) | Galvanized steel (Zinc phosphate) |
| Elevation alignment $0^{\circ} \sim 80^{\circ}$ $0^{\circ} \sim 80^{\circ}$  | Finish coat            | Polyester Powder Coating          | Polyester Powder Coating          |
|  | Azimuth alignment      | 0° ~ 360°                         | 0° ~ 360°                         |
| Pole diameter 60 mm max. (2x U bolts) 60 mm max. (2x U bolts)  | Elevation alignment    | 0° ~ 80°                          | 0° ~ 80°                          |
|  | Pole diameter          | 60 mm max. (2x U bolts)           | 60 mm max. (2x U bolts)           |

<sup>\*</sup>Optional with MOQ required



# **Technical Specifications**

| Reflector:  Type Offset Offset Offset Reception frequency 10.7 GHz ~ 12.75 GHz 10.7 GHz ~ 12.75 GHz Antenna gain (Ku-Band) 38 dBi ~ 39 dB 39 dBi ~ 40 dBi Material Galvanized Steel Galvanized Steel Reflector thickness 0.7 mm 0.7 mm  Finish coat Polyester Powder Coating Polyester Powder Coating Color Light grey (RAL7035) Light grey (RAL7035) Anthracite grey (RAL7016)*  Small axis diameter 80 cm (86 cm external) 90 cm (96 cm external) Long axis diameter 88 cm (94 cm external) 99 cm (105 cm external) LNB holder diameter 40 mm 40 mm  F/D 0.6 0.6 LNB arm Galvanized steel (Zinc phosphate) Polyester Powder Coating LNB Holder Plastic, UV protected Plastic, UV protected Operational temp40°C ~ +60°C -40°C ~ +60°C Operation wind 90 km/h 90 km/h Survival wind 144 km/h 144 km/h  Brackets:  Material Galvanized steel (Zinc phosphate) Galvanized steel (Zinc phosphate) Polyester Powder Coating   |                        | IDLB-STCF90-KULG7-LYU (6636)      | IDLB-STCF10-KULG7-LYU (6509)      |  |  |
|--|------------------------|-----------------------------------|-----------------------------------|--|--|
| Reception frequency  10.7 GHz ~ 12.75 GHz  Antenna gain (Ku-Band)  38 dBi ~ 39 dB  39 dBi ~ 40 dBi  Material  Galvanized Steel  Reflector thickness  0.7 mm  0.7 mm  Finish coat  Polyester Powder Coating Polyester Powder Coating Polyester Powder Coating Polyester Powder Coating  Color  Light grey (RAL7035) Anthracite grey (RAL7016)*  Anthracite grey (RAL7016)*  Small axis diameter  80 cm (86 cm external) 90 cm (96 cm external) LNB holder diameter 40 mm 40 mm 40 mm  F/D  0.6  LNB arm  Galvanized steel (Zinc phosphate) Polyester Powder Coating Polyester Powder Coating  LNB Holder Plastic, UV protected Plastic, UV protected Operational temp.  -40°C ~ +60°C  -40°C ~ +60°C  Operation wind 90 km/h 90 km/h Survival wind  Brackets:  Material Galvanized steel (Zinc phosphate) Finish coat Polyester Powder Coating   | Reflector:             |                                   |                                   |  |  |
| Antenna gain (Ku-Band)  Material  Galvanized Steel  Galvanized Steel  Reflector thickness  0.7 mm  0.7 mm  Finish coat  Polyester Powder Coating  Color  Light grey (RAL7035) Anthracite grey (RAL7016)*  Anthracite grey (RAL7016)*  Anthracite grey (RAL7016)*  Small axis diameter  80 cm (86 cm external)  Long axis diameter  88 cm (94 cm external)  99 cm (105 cm external)  LNB holder diameter  40 mm  40 mm  F/D  0.6  0.6  LNB arm  Galvanized steel (Zinc phosphate) Polyester Powder Coating  LNB Holder  Plastic, UV protected  Plastic, UV protected  Plastic, UV protected  Operational temp.  -40°C ~ +60°C  -40°C ~ +60°C  Operation wind  90 km/h  Survival wind  Brackets:  Material  Galvanized steel (Zinc phosphate) Finish coat  Polyester Powder Coating  Polyester Powder Coating  Brackets:  Material  Galvanized steel (Zinc phosphate) Polyester Powder Coating Polyester Powder Coating  Polyester Powder Coating  Brackets:  Material  Galvanized steel (Zinc phosphate) Polyester Powder Coating Polyester Powder Coating  Polyester Powder Coating Polyester Powder Coating  Polyester Powder Coating Polyester Powder Coating  Azimuth alignment  0° ~ 360° 0° ~ 80° 0° ~ 80°  | Туре                   | Offset                            | Offset                            |  |  |
| MaterialGalvanized SteelGalvanized SteelReflector thickness0.7 mm0.7 mmFinish coatPolyester Powder CoatingPolyester Powder CoatingColorLight grey (RAL7035)<br>Anthracite grey (RAL7016)*Light grey (RAL7035)<br>Anthracite grey (RAL7016)*Small axis diameter80 cm (86 cm external)90 cm (96 cm external)Long axis diameter88 cm (94 cm external)99 cm (105 cm external)LNB holder diameter40 mm40 mmF/D0.60.6LNB armGalvanized steel (Zinc phosphate)<br>Polyester Powder CoatingGalvanized steel (Zinc phosphate)<br>Polyester Powder CoatingLNB HolderPlastic, UV protectedPlastic, UV protectedOperational temp40°C ~ +60°C-40°C ~ +60°COperation wind90 km/h90 km/hSurvival wind144 km/h144 km/hBrackets:Galvanized steel (Zinc phosphate)Galvanized steel (Zinc phosphate)Finish coatPolyester Powder CoatingPolyester Powder CoatingAzimuth alignment0° ~ 360°0° ~ 360°Elevation alignment0° ~ 80°0° ~ 80°   | Reception frequency    | 10.7 GHz ~ 12.75 GHz              | 10.7 GHz ~ 12.75 GHz              |  |  |
| Reflector thickness 0.7 mm 0.7 mm  Finish coat Polyester Powder Coating Polyester Powder Coating  Color Light grey (RAL7035) Light grey (RAL7035) Anthracite grey (RAL7016)*  Small axis diameter 80 cm (86 cm external) 90 cm (96 cm external)  Long axis diameter 88 cm (94 cm external) 99 cm (105 cm external)  LNB holder diameter 40 mm 40 mm  F/D 0.6 0.6  LNB arm Galvanized steel (Zinc phosphate) Polyester Powder Coating  LNB Holder Plastic, UV protected Plastic, UV protected  Operational temp40°C ~+60°C -40°C ~+60°C  Operation wind 90 km/h 90 km/h  Survival wind 144 km/h   Brackets:  Material Galvanized steel (Zinc phosphate) Galvanized steel (Zinc phosphate) Finish coat Polyester Powder Coating Polyester Powder Coating  Azimuth alignment 0° ~ 360° 0° ~ 80°  O° ~ 80°   | Antenna gain (Ku-Band) | 38 dBi ~ 39 dB                    | 39 dBi ~ 40 dBi                   |  |  |
| Finish coat  Polyester Powder Coating  Polyester Powder Coating  Color  Light grey (RAL7035) Anthracite grey (RAL7016)*  Small axis diameter  80 cm (86 cm external)  20 cm (96 cm external)  10 cm external)  10 cm external  | Material               | Galvanized Steel                  | Galvanized Steel                  |  |  |
| Color  Light grey (RAL7035) Anthracite grey (RAL7016)*  Anthracite grey (RAL7016)*  Small axis diameter  80 cm (86 cm external)  90 cm (96 cm external)  Long axis diameter  88 cm (94 cm external)  99 cm (105 cm external)  LNB holder diameter  40 mm  40 mm  F/D  0.6  LNB arm  Galvanized steel (Zinc phosphate) Polyester Powder Coating  LNB Holder  Plastic, UV protected  Plastic, UV protected  Plastic, UV protected  Operational temp.  -40°C ~ +60°C  Operation wind  90 km/h  Survival wind  Parackets:  Material  Galvanized steel (Zinc phosphate) Galvanized steel (Zinc phosphate) Galvanized steel (Zinc phosphate)  Galvanized steel (Zinc phosphate)  Polyester Powder Coating  Polyester Powder  | Reflector thickness    | 0.7 mm                            | 0.7 mm                            |  |  |
| Anthracite grey (RAL7016)*  Anthracite grey (RAL7016)*  Small axis diameter  80 cm (86 cm external)  90 cm (96 cm external)  100 axis diameter  80 cm (86 cm external)  90 cm (105 cm external)  90 cm (105 cm external)  100 cm external)  100 cm external  100 cm e | Finish coat            | Polyester Powder Coating          | Polyester Powder Coating          |  |  |
| Long axis diameter 88 cm (94 cm external) 99 cm (105 cm external)  LNB holder diameter 40 mm 40 mm  F/D 0.6 0.6  LNB arm Galvanized steel (Zinc phosphate) Polyester Powder Coating Polyester Powder Coating Plastic, UV protected Plastic, UV protected  Operational temp40°C ~ +60°C -40°C ~ +60°C  Operation wind 90 km/h 90 km/h  Survival wind 144 km/h  Brackets:  Material Galvanized steel (Zinc phosphate) Galvanized steel (Zinc phosphate)  Finish coat Polyester Powder Coating Polyester Powder Coating  Azimuth alignment 0° ~ 360° 0° ~ 360°  Elevation alignment 0° ~ 80° 0° ~ 80°   | Color                  |                                   |                                   |  |  |
| LNB holder diameter 40 mm 40 mm  F/D 0.6 0.6  LNB arm Galvanized steel (Zinc phosphate) Polyester Powder Coating Polyester Powder Coating  LNB Holder Plastic, UV protected Plastic, UV protected  Operational temp. $-40^{\circ}\text{C} \sim +60^{\circ}\text{C}$ $-40^{\circ}\text{C} \sim +60^{\circ}\text{C}$ Operation wind 90 km/h 90 km/h  Survival wind 144 km/h 144 km/h  Brackets:  Material Galvanized steel (Zinc phosphate) Galvanized steel (Zinc phosphate)  Finish coat Polyester Powder Coating Polyester Powder Coating  Azimuth alignment 0° $\sim 360^{\circ}$ 0° $\sim 360^{\circ}$ Elevation alignment 0° $\sim 80^{\circ}$ 0° $\sim 80^{\circ}$  | Small axis diameter    | 80 cm (86 cm external)            | 90 cm (96 cm external)            |  |  |
| F/D 0.6 0.6  LNB arm Galvanized steel (Zinc phosphate) Galvanized steel (Zinc phosphate) Polyester Powder Coating Polyester Powder Coating  LNB Holder Plastic, UV protected Plastic, UV protected  Operational temp. $-40^{\circ}\text{C} \sim +60^{\circ}\text{C}$ $-40^{\circ}\text{C} \sim +60^{\circ}\text{C}$ Operation wind 90 km/h 90 km/h  Survival wind 144 km/h 144 km/h  Brackets:  Material Galvanized steel (Zinc phosphate) Galvanized steel (Zinc phosphate)  Finish coat Polyester Powder Coating Polyester Powder Coating  Azimuth alignment $0^{\circ} \sim 360^{\circ}$ $0^{\circ} \sim 360^{\circ}$ Elevation alignment $0^{\circ} \sim 80^{\circ}$ $0^{\circ} \sim 80^{\circ}$   | Long axis diameter     | 88 cm (94 cm external)            | 99 cm (105 cm external)           |  |  |
| LNB arm  Galvanized steel (Zinc phosphate) Polyester Powder Coating  Galvanized steel (Zinc phosphate) Polyester Powder Coating  Plastic, UV protected Plastic, UV protected  Operational temp. $-40^{\circ}\text{C} \sim +60^{\circ}\text{C}$ Operation wind $90 \text{ km/h}$ Survival wind  Prackets:  Material  Galvanized steel (Zinc phosphate) Galvanized steel (Zinc phosphate)  Galvanized steel (Zinc phosphate)  Finish coat  Polyester Powder Coating  Polyester Powder Coating  Azimuth alignment $0^{\circ} \sim 360^{\circ}$ $0^{\circ} \sim 80^{\circ}$ Elevation alignment  Galvanized steel (Zinc phosphate)  Oo ~ 80°   | LNB holder diameter    | 40 mm                             | 40 mm                             |  |  |
| LNB HolderPolyester Powder CoatingPolyester Powder CoatingLNB HolderPlastic, UV protectedPlastic, UV protectedOperational temp. $-40^{\circ}\text{C} \sim +60^{\circ}\text{C}$ $-40^{\circ}\text{C} \sim +60^{\circ}\text{C}$ Operation wind $90 \text{ km/h}$ $90 \text{ km/h}$ Survival wind $144 \text{ km/h}$ $144 \text{ km/h}$ Brackets:MaterialGalvanized steel (Zinc phosphate)Galvanized steel (Zinc phosphate)Finish coatPolyester Powder CoatingPolyester Powder CoatingAzimuth alignment $0^{\circ} \sim 360^{\circ}$ $0^{\circ} \sim 360^{\circ}$ Elevation alignment $0^{\circ} \sim 80^{\circ}$ $0^{\circ} \sim 80^{\circ}$   | F/D                    | 0.6                               | 0.6                               |  |  |
| Operational temp. $-40^{\circ}\text{C} \sim +60^{\circ}\text{C}$ $-40^{\circ}\text{C} \sim +60^{\circ}\text{C}$ Operation wind 90 km/h 90 km/h Survival wind 144 km/h 144 km/h  Brackets:  Material Galvanized steel (Zinc phosphate) Galvanized steel (Zinc phosphate)  Finish coat Polyester Powder Coating Polyester Powder Coating  Azimuth alignment $0^{\circ} \sim 360^{\circ}$ $0^{\circ} \sim 360^{\circ}$ Elevation alignment $0^{\circ} \sim 80^{\circ}$ $0^{\circ} \sim 80^{\circ}$  | LNB arm                |                                   |                                   |  |  |
| Operation wind 90 km/h 90 km/h Survival wind 144 km/h 144 km/h  Brackets:  Material Galvanized steel (Zinc phosphate) Galvanized steel (Zinc phosphate)  Finish coat Polyester Powder Coating Polyester Powder Coating  Azimuth alignment $0^{\circ} \sim 360^{\circ}$ $0^{\circ} \sim 360^{\circ}$ Elevation alignment $0^{\circ} \sim 80^{\circ}$ $0^{\circ} \sim 80^{\circ}$  | LNB Holder             | Plastic, UV protected             | Plastic, UV protected             |  |  |
| Survival wind 144 km/h 144 km/h  Brackets:  Material Galvanized steel (Zinc phosphate) Galvanized steel (Zinc phosphate)  Finish coat Polyester Powder Coating Polyester Powder Coating  Azimuth alignment $0^{\circ} \sim 360^{\circ}$ $0^{\circ} \sim 360^{\circ}$ Elevation alignment $0^{\circ} \sim 80^{\circ}$ $0^{\circ} \sim 80^{\circ}$   | Operational temp.      | -40°C ~ +60°C                     | -40°C ~ +60°C                     |  |  |
| Brackets:  Material Galvanized steel (Zinc phosphate) Galvanized steel (Zinc phosphate)  Finish coat Polyester Powder Coating Polyester Powder Coating  Azimuth alignment $0^{\circ} \sim 360^{\circ}$ $0^{\circ} \sim 360^{\circ}$ Elevation alignment $0^{\circ} \sim 80^{\circ}$ $0^{\circ} \sim 80^{\circ}$  | Operation wind         | 90 km/h                           | 90 km/h                           |  |  |
| Material Galvanized steel (Zinc phosphate) Galvanized steel (Zinc phosphate)  Finish coat Polyester Powder Coating Polyester Powder Coating  Azimuth alignment $0^{\circ} \sim 360^{\circ}$ $0^{\circ} \sim 360^{\circ}$ Elevation alignment $0^{\circ} \sim 80^{\circ}$ $0^{\circ} \sim 80^{\circ}$   | Survival w <b>ind</b>  | 144 km/h                          | 144 km/h                          |  |  |
| Material Galvanized steel (Zinc phosphate) Galvanized steel (Zinc phosphate)  Finish coat Polyester Powder Coating Polyester Powder Coating  Azimuth alignment $0^{\circ} \sim 360^{\circ}$ $0^{\circ} \sim 360^{\circ}$ Elevation alignment $0^{\circ} \sim 80^{\circ}$ $0^{\circ} \sim 80^{\circ}$   |                        |                                   |                                   |  |  |
| Finish coat Polyester Powder Coating Polyester Powder Coating Azimuth alignment $0^{\circ} \sim 360^{\circ}$ $0^{\circ} \sim 360^{\circ}$ Elevation alignment $0^{\circ} \sim 80^{\circ}$ $0^{\circ} \sim 80^{\circ}$  | Brackets:              |                                   |                                   |  |  |
| Azimuth alignment $0^{\circ} \sim 360^{\circ}$ $0^{\circ} \sim 360^{\circ}$ Elevation alignment $0^{\circ} \sim 80^{\circ}$ $0^{\circ} \sim 80^{\circ}$  | Material               | Galvanized steel (Zinc phosphate) | Galvanized steel (Zinc phosphate) |  |  |
| Elevation alignment $0^{\circ} \sim 80^{\circ}$ $0^{\circ} \sim 80^{\circ}$  | Finish coat            | Polyester Powder Coating          | Polyester Powder Coating          |  |  |
|  | Azimuth alignment      | 0° ~ 360°                         | 0° ~ 360°                         |  |  |
| Pole diameter 60 mm max. (2x U bolts) 60 mm max. (2x U bolts)  | Elevation alignment    | 0° ~ 80°                          | 0° ~ 80°                          |  |  |
|  | Pole diameter          | 60 mm max. (2x U bolts)           | 60 mm max. (2x U bolts)           |  |  |

<sup>\*</sup>Optional with MOQ required





#### 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.

For purpose of brevity, some product descriptions in this sheet remain at platform level and may not be referred to as detailed datasheets of the products. Inverto Digital Labs reserves the right to amend, omit or add products, product-lines, and / or features without notice.