

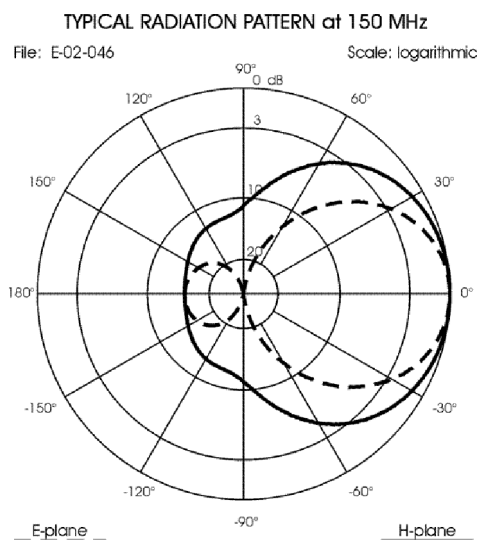
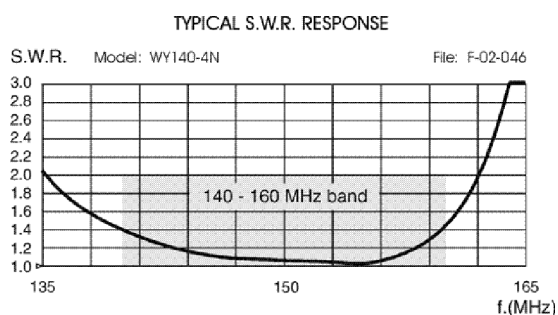
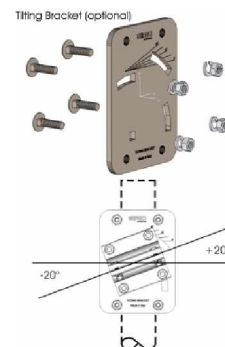
Features:

- Base station antenna, Directional
- Wide band, High-gain
- Highly symmetrical radiation pattern in both planes (E and H)
- Protection from static discharges DC-ground
- Made of anodized aluminium alloy
- Stacked and bayed array for more gain
- Optional: tilting bracket for $\pm 20^\circ$

P/N 2113801/140 WY 140-4N
P/N 2113801/155 WY 155-4N

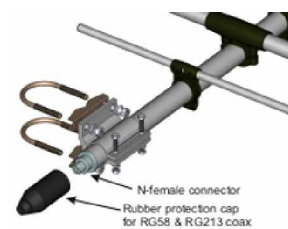
Electrical Data

- Type: 4 elements yagi antenna
- Frequency range:
WY 140-4N: 140-160 MHz
WY 155-4N: 155-175 MHz
- Impedance: 50Ω unbalanced
- Radiation (H-plane): beamwidth at -3 dB =
WY 140-4N: 100° at center freq.
WY 155-4N: 100° at center freq.
- Radiation (E-plane): beamwidth at -3 dB =
WY 140-4N: 65° at center freq.
WY 155-4N: 65° at center freq.
- Radiation angle: 0°
- Front to back ratio: ≥ 16 dB
- Polarization: linear vertical or horizontal
- Gain: 8.5 dBi
- SWR in bandwidth: $\leq 1.5:1$
- Max. power: 200 Watts (CW) at 30° C
- Feed system / position: RG303 teflon coax with balun / inside boom
- Connector: N-female with rubber protection cap



Mechanical Data

- Materials: Anodized 6063-T5 Aluminium, EPDM rubber, thermoplastic UV stabilized, Chromed brass
- Wind load / resistance: 147 N at 150 Km/h / 140 Km/h
- Wind surface: 0.119 m²
- Dimensions (approx.):
WY 140-4N: 1600 x 1085 mm
WY 155-4N: 1600 x 985 mm
- Weight (approx.):
WY 140-4N: 2070 gr
WY 155-4N: 2015 gr
- Turning radius:
WY 140-4N: 1540 mm
WY 155-4N: 1530 mm
- Operating temperature: -40° C to +60° C
- Mounting mast: \varnothing 35-52 mm



NETHERLANDS

Roermond | www.classicinternational.nl

Tel. +31 (0)475-327390

GERMANY

Mönchengladbach | www.classicinternational.de

Tel. +49 (0)2166-33061