# 470MHz

# Omni Outdoor Antenna

## TECHNICAL DATA SHEET

TX470-BLG-40



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# TX470-BLG-40

| NO. | MECHANICAL SPECIFICATIONS | VALUE | COMMENT |
|---|---|---|---|
| 01 | Part Number | TX470-BLG-40 | Omni Outdoor Antenna |
| 02 | Material | Fiberglass | |
| 03 | Material of Radiator | Copper | |
| 04 | Connector Type | N-Male | |
| 05 | Antenna Colour | Gray | |
| 06 | Overall Length | 400mm | OD20mm |
| 07 | IP Rating | IP 67 | |
| 08 | Wind Resistance | 60m/s | |
| 09 | N.W | 140g | ±5g |
| 10 | G.W | 230g | ±5g |
| NO. | ELECTRICAL SPECIFICATIONS | VALUE | COMMENT |
| 01 | Frequency | 470MHz | 455-490MHz |
| 02 | Antenna Gain | 4.5dBi | |
| 03 | Radiation type | Omnidirectional | |
| 04 | Polarization | Linear | Vertical |
| 05 | Horizontal Beamwidth | 360 Deg | |
| 07 | Nominal Impedance | 50Ω | |
| 08 | Max Input Power | 50W | |
| 09 | S.W.R. | ≤1.5 | |
| NO. | ENVIRONMENTAL SPECIFICATIONS | VALUE | COMMENT |
| 01 | Operation Temperature | -40℃ ~ +85℃ | |
| 02 | Storage Temperature | -40℃ ~ +85℃ | |
| 03 | RoHS Compliant | YES | |



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# MECHANICAL DRAWING



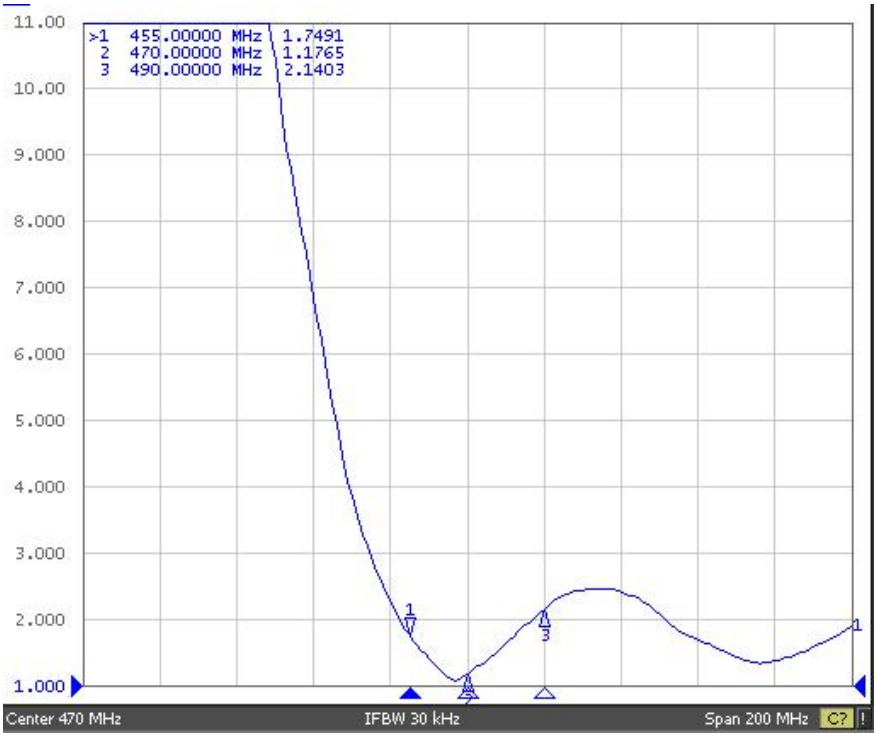

UNIT: cm

| ITEM | PART NAME | QUANTITY | MATERIAL / FINISH |
|---|---|---|---|
| a | Connector | 1 | N-Male |
| b | Body | 1 | Copper Tube |
| c | Shell | 1 | Fiberglass |

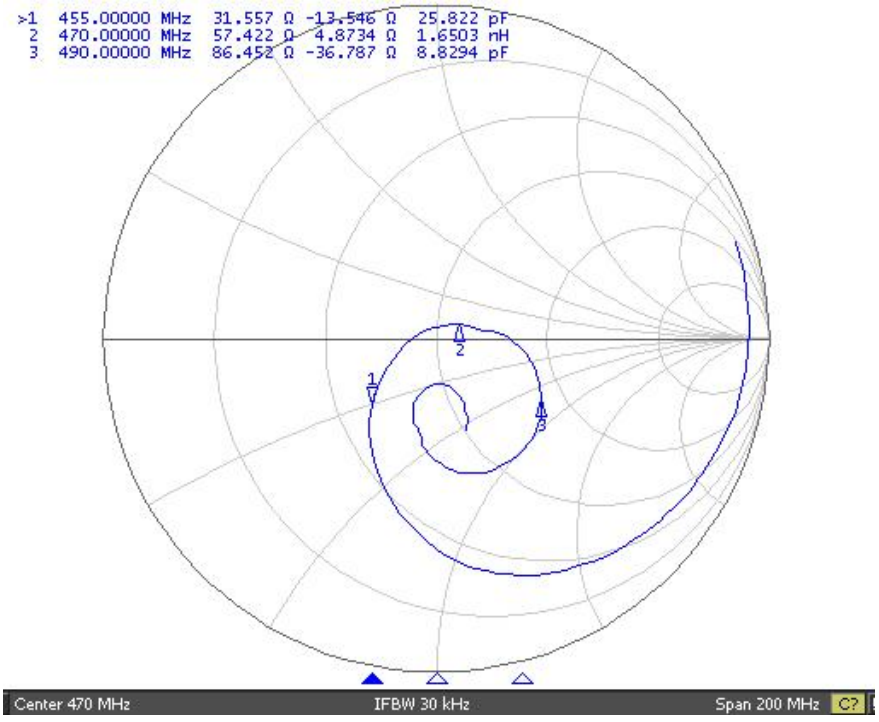

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## S.W.R.




## SMITH






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