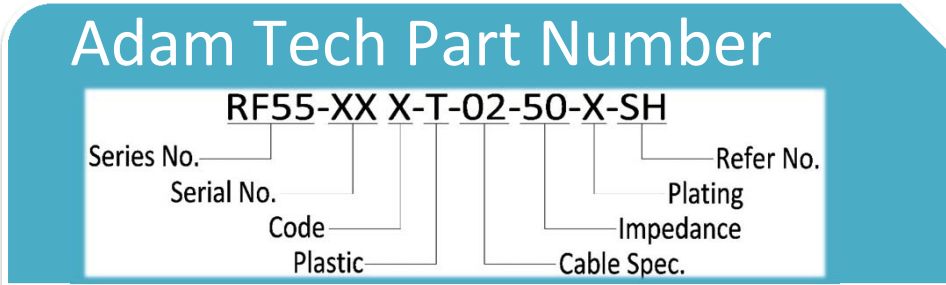


# QRG Quick Reference Guide FAKRA Jan 2019



## Specifications

| Electrical Data           | Mechanical Data |                  |             | Environmental Data |   |
|---------------------------|-----------------|------------------|-------------|--------------------|---|
| Frequency Range           | DC-4GHz         | Coupling Method  | Snap-On     | Temperature Range  | -40°C ~ +85°C   |
| Impedance                 | 50Ω             | Durability       | ≥ 50 Cycles | Salt Fog           | >48H  |
| Working Voltage           | 335V            | Shell Retention  | >110N       | Storage Conditions | Storage Temperature: -10°C ~ +35°C<br>Relative humidity: No more than 80% |
| Insulation Resistance     | 1000MΩ          | Engagement force | ≤ 25N       |                    |   |
| Medium Pressure           | 1000V           | Material Data    |             | Female Center      | Gold Plated Beryllium Copper  |
| Center contact Resistance | ≤ 6mΩ           | Plastic Housing  | PA          | Male Center        | Gold Plated Brass   |
| Outer contact Resistance  | ≤ 1mΩ           | Insulators       | PTFE        | Body/Metal Parts   | Nickel Plated Brass   |



| Code     | JACK | ADAMTECH P/N | PLUG | ADAMTECH P/N | Color similar to RAL no.<br>Possible applications | Code     | JACK | ADAMTECH P/N | PLUG | ADAMTECH P/N | Color similar to RAL no.<br>Possible applications |
|----------|------|--------------|------|--------------|---|----------|------|--------------|------|--------------|---|
| <b>A</b> |      | RF55-XXA     |      | RF55-XXA     | Black/9005<br>Radio without phantom supply        | <b>H</b> |      | RF55-XXH     |      | RF55-XXH     | Violet/4003<br>GPS: telematics and navigation     |
| <b>B</b> |      | RF55-XXB     |      | RF55-XXB     | White/9001<br>Radio without phantom supply        | <b>I</b> |      | RF55-XXI     |      | RF55-XXI     | Beige/1001<br>Radio controlled parking heating    |
| <b>C</b> |      | RF55-XXC     |      | RF55-XXC     | Blue/5005<br>GPS                                  | <b>K</b> |      | RF55-XXK     |      | RF55-XXK     | Curry/1027<br>Radio with IF                       |
| <b>D</b> |      | RF55-XXD     |      | RF55-XXD     | Bordeaux/4004<br>GSM Cellular phone               | <b>L</b> |      | RF55-XXL     |      | RF55-XXL     | Carmine Red/3002<br>Not defined                   |
| <b>E</b> |      | RF55-XXE     |      | RF55-XXE     | Green/6002<br>TV1                                 | <b>M</b> |      | RF55-XXM     |      | RF55-XXM     | Pastel Orange/2003<br>Not defined                 |
| <b>F</b> |      | RF55-XXF     |      | RF55-XXF     | Brown/8011<br>TV2                                 | <b>N</b> |      | RF55-XXN     |      | RF55-XXN     | Pastel Green/6019<br>Not defined                  |
| <b>G</b> |      | RF55-XXG     |      | RF55-XXG     | Grey/7031<br>Remote control keyless entry         | <b>Z</b> |      | RF55-XXZ     |      | RF55-XXZ     | Waterblue/5021<br>Neutral coding                  |