

MOBILITY

PRODUCT CATALOG



COMPACT QUICK CONNECTORS

COMPACT QUICK CONNECTORS

When **efficient thermal management** is your need, ARaymond's Compact Quick Connectors (QCs) have been designed for just this.

Simple and **effective** temperature management of electric vehicles.

ROBUST & EASY-TO-USE



Our new Compact 2-button QCs have been designed for maximum **ease-of-use** and **safety**.

They leverage our 2-button technology and come with a **double-o ring** to ensure maximum safety inside the battery pack.

WIDE RANGE
OF CONNECTOR
OPTIONS



CHOICE & COMPATIBILITY

We offer a **wide range of connector options compatible** with:

- fir tree or laser welding assembly
- varied tube sizes
- integrated temperature sensors.



SPACE SAVING & EFFICIENT



Our Compact QCs enable a **high flow of coolant** with a **minimized footprint** and **pressure drop**.

Their compact format is **specially designed for space constraints** in the thermal management system.

SUSTAINABILITY

Sustainable materials on demand
(PA11 & PA610).



INTEGRATED TEMPERATURE SENSORS

Temperature management of the battery pack is paramount for **performance** and **safety**. That's why we now offer a range of QCs with **integrated temperature sensors**.



INDUSTRY STANDARD
SOLUTION

4 INTERFACES

OUR SOLUTION

1 INTERFACE

These have **fewer fluid interfaces** for added leakage tightness, up to **60% sustainable materials** for your CSR goals, and all the benefits of a **SINGLE SUPPLIER** including a **full warranty**.





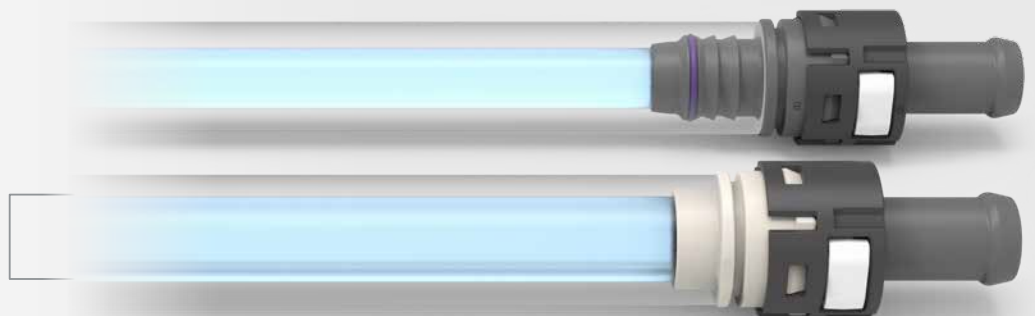
Most ARaymond Compact QCs are compatible with **laser welding tube assembly technology.**



These are ideal when you are looking to **save space** while **maximizing coolant flow** and **minimize pressure drop.**

Fir tree Compact QC assembly

MAXIMUM coolant transfer



Laser welding technology Compact QC assembly

10.00 diameter **NW6**

| TUBE | YT1 | STRAIGHT | YT2 | 90° | YT3 | 3 WAY |
|---------|--------------------------------|----------|--------------------------------|-----|--------------------------------|-------|
| 10 x 12 | | | | | | |
| | 2-BUTTON COMPACT LASER WELDING | | 2-BUTTON COMPACT LASER WELDING | | 2-BUTTON COMPACT LASER WELDING | |

| TUBE | YA8 | STRAIGHT | YA9 | 90° | YA10 | 3 WAY |
|------------------|---|----------|---|-------|--|-------|
| 10 x 12 |  | |  | |  | |
| | 2-BUTTON COMPACT LASER WELDING | | 2-BUTTON COMPACT LASER WELDING | | 2-BUTTON COMPACT LASER WELDING | |
| TUBE | YA1 | STRAIGHT | YA2 | 90° | YA3 | 3 WAY |
| 12 x 14 or 1/2in |  | |  | |  | |
| | 2-BUTTON COMPACT | | 2-BUTTON COMPACT | | 2-BUTTON COMPACT | |
| TUBE | YA11 | STRAIGHT | YA12 | 3 WAY | | |
| 14 x 16,5 |  | |  | | | |
| | 2-BUTTON COMPACT LASER WELDING | | 2-BUTTON COMPACT LASER WELDING | | | |
| TUBE | YA13 | STRAIGHT | YA14 | 90° | YA15 | 3 WAY |
| 15 x 18 |  | |  | |  | |
| | 2-BUTTON COMPACT | | 2-BUTTON COMPACT | | 2-BUTTON COMPACT | |

18.00 diameter **NW14**

| | | | | |
|------------------|--|--|--|---|
| TUBE | YC43 WAY | | | |
| 14 x 16 or 5/8in |  <p>2-BUTTON COMPACT LASER WELDING</p> | | | |
| TUBE | YC1STRAIGHT | YC290° | YC33 WAY | |
| 14 x 16,5 |  <p>2-BUTTON COMPACT LASER WELDING</p> |  <p>2-BUTTON COMPACT LASER WELDING</p> |  <p>2-BUTTON COMPACT LASER WELDING</p> | |
| TUBE | YC7STRAIGHT | YC6STRAIGHT | YC5STRAIGHT | YC865° |
| 15 x 18 |  <p>2-BUTTON COMPACT TEMPERATURE SENSOR</p> |  <p>2-BUTTON COMPACT TEMPERATURE SENSOR</p> |  <p>2-BUTTON COMPACT</p> |  <p>2-BUTTON COMPACT</p> |
| | YC990° | YC1090° | YC133 WAY | YC113 WAY |
| |  <p>2-BUTTON COMPACT</p> |  <p>2-BUTTON COMPACT TEMPERATURE SENSOR</p> |  <p>2-BUTTON COMPACT</p> |  <p>2-BUTTON COMPACT</p> |
| TUBE | YC14STRAIGHT | | | |
| 16 x 20 |  <p>2-BUTTON COMPACT LASER WELDING</p> | | | |



ARAYMOND, AROUND THE WORLD

CONTACT US

AMERICAS

USA & CANADA

+1 248 265 4000

contact.connecting.us@araymond-automotive.com

BRAZIL

+55 19 3836-6900

contact.connecting.br@araymond-automotive.com

ASIA

CHINA

+86 0511-853 09 100

contact.connecting.cn@araymond-automotive.com

INDIA

+91 (2135) 676 200

contact.connecting.in@araymond-automotive.com

JAPAN

+81 463 40 8600

contact.connecting.jp@araymond-automotive.com

SINGAPORE

+65 6634 1041

contact.sg@araymond.com

SOUTH KOREA

+82 70 5055 5000

contact.connecting.kr@araymond-automotive.com

EMEA

FRANCE

+33 4 76 33 49 49

contact.connecting.fr@araymond-automotive.com

GERMANY

+49 7 634 5080-433

contact.connecting.de@araymond-automotive.com

ITALY

+39 0161 937311

contact.connecting.it@araymond-automotive.com

SWEDEN (SALES AGENT)

+46 31 703 34 40

stefan.andreasson@ci-pihl.com

TURKEY

+90 262 658 1058

contact.connecting.tr@araymond-automotive.com

UNITED KINGDOM

+44 1732 871934

contact.connecting.uk@araymond-automotive.com

www.araymond-automotive.com