



# Cluster Junction Power 2-1

## Flexibility

The Cluster Junction 2-1 or 1-2 (6–35 mm<sup>2</sup>) is a product designed to offer solution for installation of power cables before final termination to radio. This product can handle two feeding power cables and one power fanout to radio. The product is also suitable for power splitting feeding with one power cable and fanout with two power cables.

The cluster junction is very quick and easy to install. It is user-friendly and comes with toolless installation & operation concepts. In a new installation it can be used as a cable joint where a larger cable diameter can be downsized to a smaller one and run the last cable/cables as power jumper towards radio unit. When changing position of glands, you accomplish either 2-1 or 1-2.

## Quality

The product is suitable for cable cords Aluminium-Aluminium, Aluminium-Copper, Copper-Aluminium or Copper-Copper.

The screw joint sleeves are made of highest quality to secure a great connection point. The housing is made of Polyamide Glass filled material that is good in both weight and strength and corresponds to global requirements regardless of the installation environment.

# Technical Specification




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<b>Product</b>	Cluster Junction 2-1, 6-35 mm
<b>Product number</b>	<b>TELE00005</b>

## Specification

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<b>Cable Glands:</b>	<p><b>Input/output Gland:</b> 1No. M32 having Dual hole, <math>\varnothing 9.0 \sim 11</math> mm Supports circular/oval shaped cable cross section TFL 492 324 2Cx6 mm<sup>2</sup></p> <p>Input/output Gland: 1No. M32 for <math>\varnothing 6.0 \sim 15</math> mm, extra exchangeable sealing for larger cable <math>\varnothing 9.0 \sim 21</math> mm is included</p> <p>Supports circular/oval shaped cable cross section 2Cx6 to 2Cx35 mm<sup>2</sup>.</p>
<b>Cable Connection Provision:</b>	<p>1No. 2.5 ~ 16 mm<sup>2</sup> (1 No. for Shield)</p> <p>2Nos. 6.0 ~ 35 mm<sup>2</sup> (1 No. each for +VE &amp; -VE)</p>
<b>Material:</b>	<p><b>Housing:</b> Mixed Polyamide/Glass fiber</p> <p><b>Bracket:</b> Mixed Polyamide/Glass fiber</p> <p><b>Cable Joints:</b> Tin-plated Aluminum</p> <p><b>O-Ring:</b> EPDM</p>
<b>Fixing Arrangement:</b>	<p><b>Quick Release Hose Clamp</b> 60~160 mm</p> <p><b>Width:</b> 9 mm</p> <p><b>Material:</b> SS 304</p>

**Performance****Ingress Protection: IP 68****UV Resistant****Flammability: UL 94****Operating Temperature: -20°C ~ +90°C****Package dimensions****Length mm (in): 220 (8.66)    **Width mm (in): 200 (7.87)******Height mm (in): 80 (3.15)    **Weight kg (lbs): 0.4 (0.88)****

The verification is done in accordance to:

- IEC 60529 Degree of protection provided by Enclosures.
- Compliance to ROHS