



# Cluster Junction Power 1-1

## Flexibility

The Cluster Junction Power 1-1 (6-35 mm<sup>2</sup>) is a product designed to offer solution for installation of power cables before final termination to radio.

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 as a power jumper towards radio unit.

## 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 Poly Amide Glass filled material that is good in both weight and strength, corresponds to global requirements regardless of the installation environment.



# Technical Specification



<b>Product</b>	Cluster Junction Power 1-1 (6 - 35 mm <sup>2</sup> )
<b>Product number</b>	NEA 102 202/1
<b>Specification</b>	
<b>Cable Glands: -</b>	<p><b>Input Gland:</b> 1No. M32 for <math>\varnothing</math> 6.0 ~ 15 mm, extra exchangeable sealing for larger cable <math>\varnothing</math> 9.0~ 21 mm is included Supports Circular/Oval shaped cable cross section 2Cx6 to 2Cx35 mm<sup>2</sup></p> <p><b>Output Gland:</b> 1No. M32 for <math>\varnothing</math> 6.0 ~ 15 mm, extra exchangeable sealing for larger cable <math>\varnothing</math> 9.0~ 21 mm is included 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> (for shield)</p> <p>2Nos. 6.0 ~ 35 mm<sup>2</sup> (1 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> 60~165 mm</p> <p><b>Width:-</b> 9 mm</p> <p><b>Material:-</b> SS 304</p>
<b>Performance</b>	<p><b>Ingress Protection:</b> - IP 68</p> <p><b>UV Resistant</b></p> <p><b>Flammability:</b> - UL 94</p> <p><b>Operating Temperature:</b> - -20°C ~ +90°C</p>

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<b>Package dimensions</b>	<b>Length</b> mm (in) 230 (9,1)	<b>Width</b> mm (in) 175 (6,9)
	<b>Height</b> mm (in) 80 (3,15)	<b>Weight</b> kg (lb) 0,27 (0,6)

The verification is done in accordance to

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