

Specification Sheet

Part Number: 166-90789

Integrated Sealing Technology includes conduit insert seal and high-performance face-sealing washer for ease of use and durability. True one-piece component for fast Snap-On application reduces installation time and costs by eliminating the need to thread fittings onto conduits.

All-around "teeth" attach firmly to corrugated conduit and deliver a high extraction force.

Elbow features a smooth bore to ease cable installation.

PA66 nylon material has high resistance to salts, oils, weak acids, and solvents.

Integrated design delivers IP66 + IP67 + IP68 + IP69 ingress protection against moisture and dirt.



HelaGuard NM Ultra IP68 Fitting, 90-Degree Elbow, 1.0" NPT Thread, 1" Dia., PA66, Black, 1/pkg

| | |
|----------------|----------------|
| Article Number | 166-90789 |
| Type | HGU100-90-1000 |
| Color | Black (BK) |
| Quantity Per | pack |

| | |
|--------------------------------|--|
| Product Description | Elbow Snap-On style Metric or NPT threaded nylon fittings provide a true one-piece component solution; seals and locknuts are included. Durable nylon materials deliver high chemical resistance against salts, oils, weak acids, and solvents. Designed for easy removal with a small screwdriver. UL-Listed fittings deliver IP66 + IP67 + IP68 + IP69 ingress protection. |
| Short Description | HelaGuard NM Ultra IP68 Fitting, 90-Degree Elbow, 1.0" NPT Thread, 1" Dia., PA66, Black, 1/pkg |
| Global Part Name | HGU100-90-1000-PA66-BK |
| Length L (Imperial) | 2.96 |
| Length L (Metric) | 75.0 |
| Variant | 90° Elbow |
| Outside Diameter OD (Imperial) | 2.04 |
| Outside Diameter OD (Metric) | 51.0 |
| Nominal Diameter (Imperial) | 1 |
| Nominal Diameter (Metric) | 34 |
| Material | Polyamide 6.6 (PA66) |
| Material Shortcut | PA66 |
| Halogen Free | Yes |

| | |
|------------------------------|-----------------------------------|
| UV Resistant (Yes/No) | No |
| Operating Temperature | -58°F to +275°F (-50°C to +135°C) |
| Reach Compliant (Article 33) | No |
| ROHS Compliant | Yes |
| UL Listed (US and Canada) | Yes |
| UL Listed (US) | Yes |
| Package Quantity (Imperial) | 1 |
| Package Quantity (Metric) | 1 |
| Customs Number | 3926909988 |

About HellermannTyton

HellermannTyton is a global manufacturer of cable management and identification solutions for automotive, solar, electrical, construction, industrial automation, broadband and other OEM markets. The company's integrated approach to product design, sustainability, production, quality assurance and delivery is optimized to benefit local and global customers. HellermannTyton operates in 39 countries, with North American headquarters in Milwaukee, Wisconsin. (www.hellermann.tyton.com).

© 2023 HellermannTyton. All Rights Reserved.

[Contact Us](#)

[RoHS/WEEE Compliance](#)

[Disclaimer](#)

[Terms and Conditions](#)