

## Specification Sheet

Part Number: 166-90098

External NPT thread provides a secure connection.

Snap-on construction reduces installation time and costs by eliminating the need to thread fittings onto conduits.

Elbow features a smooth, swept bore to ease cable installation.

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



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

IP66 fitting has one-piece construction.

HelaGuard Non-Metallic IP66 Fitting, 90-Elbow, NPT Thread, 0.50" Dia, PA66, Black, 10/pkg

Article Number 166-90098

Type HG050-90-0500

Color Black (BK)

Quantity Per pack

Product Description HelaGuard Non-Metallic 90-Degree Elbow fitting features a snap-on design that provides a quick, secure connection. Constructed of a very durable nylon material with a high resistance to salts, oils, weak acids and solvents. Designed for easy removal with a small screwdriver. IP66 ingress protection rated fittings.

Short Description	HelaGuard Non-Metallic IP66 Fitting, 90-Elbow, NPT Thread, 0.50" Dia, PA66, Black, 10/pkg
Global Part Name	HG050-90-0500-PA66-BK
Length L (Imperial)	2.09
Length L (Metric)	53
Variant	90° Elbow
Outside Diameter OD (Imperial)	1.26
Outside Diameter OD (Metric)	32
Nominal Diameter (Imperial)	0.5
Nominal Diameter (Metric)	21
Material	Polyamide 6.6 (PA66)
Material Shortcut	PA66
Flammability	UL 94 V-2
Halogen Free	Yes
UV Resistant (Yes/No)	No

Use Conditions	For Indoor and Outdoor Use
Operating Temperature	-58°F to +275°F (-50°C to +135°C)
Reach Compliant (Article 33)	Yes
ROHS Compliant	Yes
UL Recognized (US)	Yes
UL Recognized (US and Canada)	Yes
Package Quantity (Imperial)	10
Package Quantity (Metric)	10
Customs Number	3926909988

7930 N. Faulkner Road, Milwaukee, WI 53224  
Phone: (800) 537-1512 | Email: [corp@htamericas.com](mailto:corp@htamericas.com)

© 2025 HellermannTyton. All Rights Reserved.  
[Contact Us](#)   [RoHS/WEEE Compliance](#)   [Disclaimer](#)   [Terms and Conditions](#)