



NM-HCA78-020

N Male Connector for 7/8" Coaxial Cable, RAPID FIT™ Sealing compound



Radio Frequency Systems line of high performance coaxial cable connectors are designed specifically to provide the highest quality connector-cable interface while simplifying and speeding up the attachment of connectors to HELIFLEX® coaxial cables. RFS connectors are fully tested for mechanical and electrical compliance specifications. They are available in all popular cable sizes in a variety of mating interfaces. The N connector is one of the most common RF connector types. N type connectors from RFS will be delivered with a non-slotted outer conductor contact sleeve and a special gasket. Due to a special design of the coupling nut (without spring ring) N connectors can be tightened with increased torque. This increases the contact pressure.

Feature / Benefits

- Excellent gas tightness, Overpressure for increased voltage handling is maintained throughout the system
- Robust Mechanical Design, Superior and consistent performance guarantees outstanding system characteristics.
- Extremely low reflection factor, Outstanding low reflection factor improves overall system performance and margin and reduces mismatch losses
- Totally Waterproof according to IP 68, Assures safe, long term operation in the harshest of environments. System tightness doesn't have to rely on overpressure from dehydration equipment.
- RoHS (EU) and CRoHS (China) compliant i.e. can be used on a global basis

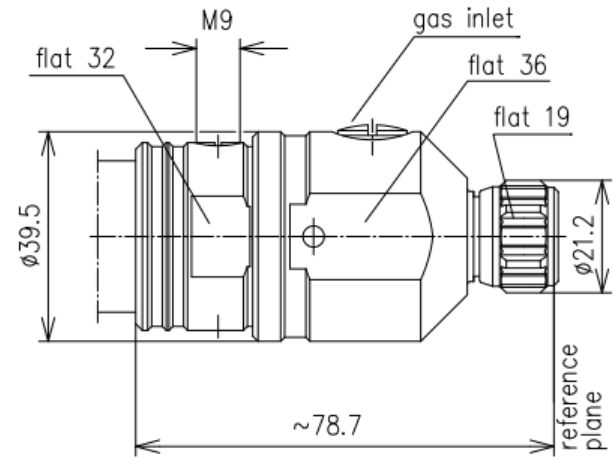
Technical features

GENERAL SPECIFICATIONS

Cable Size	7/8"
Cable Type	Air Dielectric
Model Series	HCA78-50 Series
Connector Interface	N
Connector Type	RAPID FIT™
Sealing Method	Sealing compound ¹⁾

MECHANICAL SPECIFICATIONS

Plating Outer/Inner	Silver/Silver
Length	80mm (3.15in)
Outer Diameter	39.5mm (1.55in)
Inner Contact Attachment	Spring Finger
Outer Contact Attachment	Threaded



External Document Links

Notes

¹⁾ The sealing compound must be ordered separately.