



Amphenol

FIBER OPTIC PRODUCTS

H-CONNECTOR

Single Fiber Assembly



SMALL FOOTPRINT SINGLE FIBER ASSEMBLY



H-CONNECTOR

Single Fiber Assembly

Amphenol's H-Connector assemblies provide a robust and sealed connection solution for fiber to the home (FTTH) connectivity.

The H-Connector end incorporates an SC/APC type connection within a slim, sealed, threaded polymer housing allowing easy connection to either the AMT or in-line extension receptacle.

The SC/APC connectors mate to a standard adapter providing a common interface for FTTH applications. Available with flat drop or traditional round style OSP cables, the H-Connector provides an ideal solution for direct burial, conduit or aerial installations.



Specifications

Ingress Protection (Mated)	IP68 (3 Meters/ 7 Days)
Mating Durability	50 cycles
Pull Force Retention	100lbs (445N)
Material	UV stable per GR-3120
Operating Temperature	-40°C to +75°C*
Housing Material	Polymer
Cable Diameter Range	4.8mm - 7.0mm

*Temperature Specs of Connector

Features and Benefits

Factory terminated
Single fiber, SC-based connector
Low profile in-line receptacle available
No installation tools required
Threaded coupling style

Optical Performance

Insertion Loss	Singlemode	≤ 0.15dB Typical	≤ 0.23dB Typical APC
Return Loss	Singlemode	≤ 0.-55dB UPC	≤ 0.-65dB APC

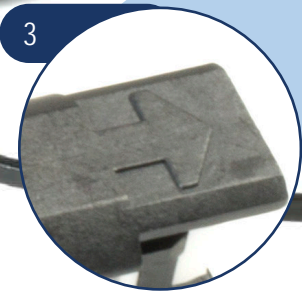
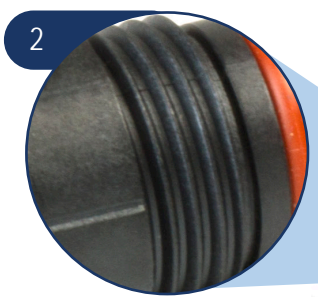
1. IP68 Ingress Protection
2. Threaded Style Mating
3. Alignment Key
4. Tethered Dust Cap



Adapter



In-line Receptacle



Plug



Pulling Eye