

FitODC-HSA1-MH1A

Version 1.0

HSA1-MH1A connector, 1F, 3.0mm round cable, G.657B3

FitODC-MH1A cable are critical products of outdoor pre-connectorized solution. MH1A connectors are pre-installed on outdoor cables in factory, so the link loss can be lower than traditional deployment way. They enhance the stability and reliability of optical link and reduce the implementation time and cost, providing better solution for outdoor cable.



*Only for reference, refer to physical objects for more details

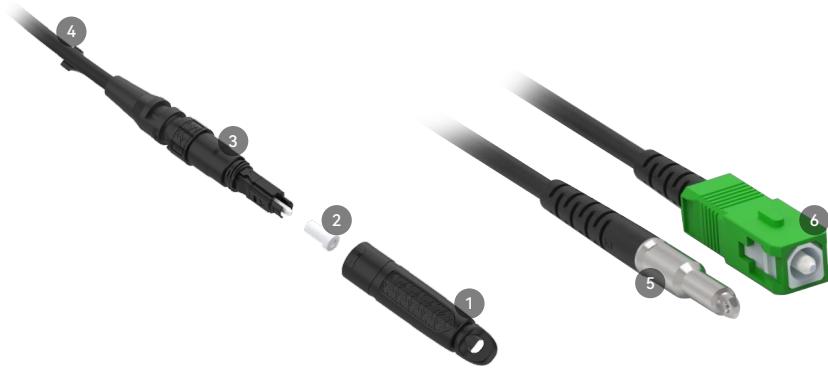
Features

- Plug-and-play operation for quicker installation
- Excellent anti-UV, anti-corrosion performance
- Low insertion loss
- Easy assembly, no special tools required
- Support aerial and underground installation

Connector Specifications

Item	Specification
Connector	HSA1-MH1A
Cable type	1F round cable
Insertion loss	≤0.3dB
Return loss	≥60dB
Tensile strength	HSA1: 120N HSA1 with braided net: 200N MH1A: 300N
Cable length	Customizable
Ingress protection grade	IP68
Operation temperature	-40~+75°C
Storage temperature	-40~+70°C

Connector Details

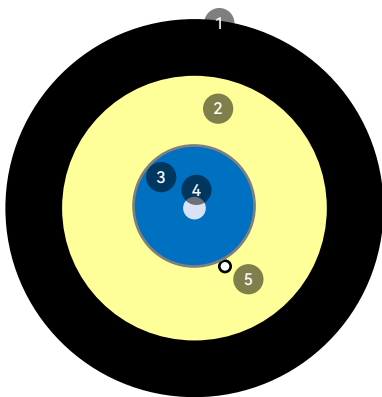


No.	Name
1	Traction cap
2	Ferrule cap
3	Main body
4	Round cable
5	HSA1 traction cap
	SC housing

Round Cable Specifications

Item	Specification
Fiber	G.657B3
Cable diameter	Φ3.0±0.2mm
Allowable tensile strength	500N, 1min
Allowable crush resistance	500N/100mm, 1min
Cable weight	8.0±1.0kg/km
Cable loss	≤0.35dB/km
Operation temperature	-30~+60°C
Storage temperature	-30~+60°C

Round Cable Details




No.	Name
1	Outer sheath: black TPU
2	Aramid yarn
3	Tight buffer: blue LSZH
4	Fiber
5	Water-blocking yarn

Thank You for Choosing Our Products!

We appreciate your business. Your satisfaction is our goal. We will provide you with comprehensive technical support and after-sales service. Please contact your local sales representative, service representative or distributor for any help needed at the contact information shown below.

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