



Product Data Sheet

Product Type RJ45 Plug

Product Model SE8FC-B

Customer Name _____

Manufacturer	Prepared	Checked	Approved

Customer	Received	Checked	Confirmed



Product Data Sheet

Product Type	RJ45 Plug	
Product Model	SE8FC-B	
Product Features		
➤ Match with SE8MC-02-NEW for connecting cables and enabling aerial docking during mating ➤ Ideal for any harsh and demanding outdoor environment with waterproof rating IP65 ➤ Cable connector carrier does not include RJ45 plug ➤ Cable OD 5-7 mm ➤ Sturdy die-cast shell and unique cable clamp ➤ Complies with CAT5e according to TIA/EIA 568B and ISO/IEC 11801 standard		



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Product Parameters

Item	Specification
Connection type	RJ45
Gender	Female

Electrical Parameters

Item	Specification
Contact resistance	$\leq 10 \text{ m}\Omega$
Dielectric strength	1 KV DC
Insulation resistance	$\geq 0.5 \text{ G}\Omega$
Rated current	1.5 A
Rated voltage	50 V
Frequency range	1 - 100 MHz
Transmission performance	CAT5e



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Mechanical Parameters

Item	Specification
Cable OD	5-7 mm
Insertion force	≤ 20 N
Withdrawal force	≤ 20 N
Service life	> 1000 mating cycles

Material and Environmental Parameters

Item	Specification
Boot	PA
Housing	Zinc alloy
Housing plating	Black plating
Contacts	Cu alloy
Contact plating	Au
Flame-retardant grade	UL 94-V0
Temperature range	-30°C ~ +80°C

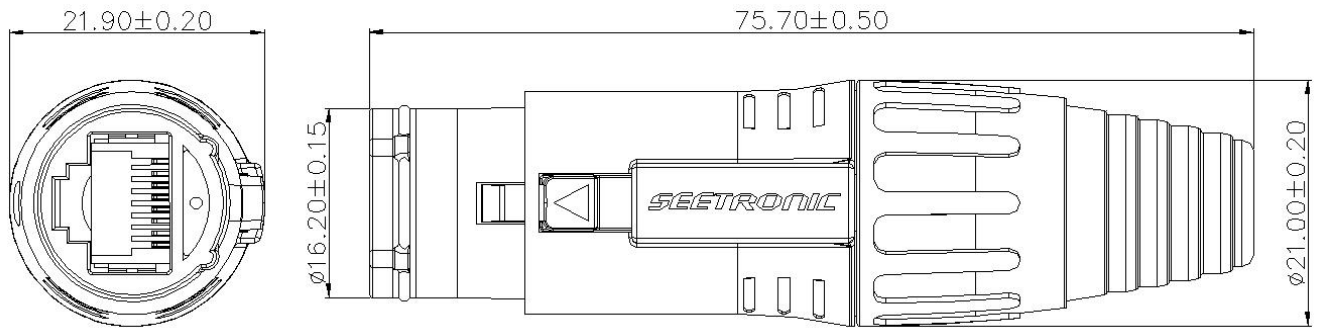
Standards and Certifications

Standards	TIA/EIA 586B, IEC11801
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Product Data Sheet

Product Drawing



Unit: mm

Packaging Method

PE bag packing: 1 pc housing per PE bag, 80 pcs boot per PE bag, 80 pcs cable clamp per PE bag
80 pcs housing + 1 bulk packed boot + 1 bulk packed cable clamp per inner cartons, 5 inner cartons per master carton (400 pcs per master carton)

Accessory

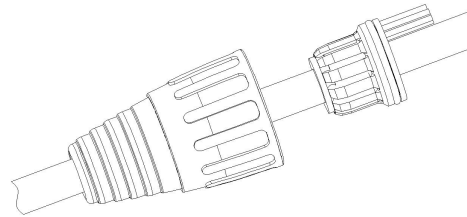
- | | |
|--|--|
| ☒ No accessories | ☐ Back fastener plate |
| ☐ Screws and Nuts | ☐ Other |



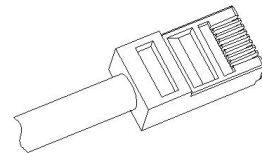
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Assembly Instructions

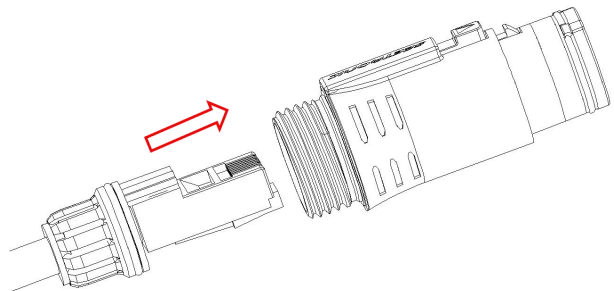
- (1) Thread the cable through the boot and the waterproof cable clamp.



- (2) Assemble the cable with RJ45



- (3) Push the assembled cable clamp and RJ45 into the housing



- (4) After assembly of the cable clamp, RJ45 and housing, tighten the boot in a clockwise direction

