OCTIS™ OUTDOOR I/O SYSTEM ACCESSORIES

Amphenol FCi

ROBUST I/O SYSTEM FOR HIGH RELIABILITY AND PERFORMANCE

OCTIS™ accessories supplement the OCTIS™ product family by offering a range of items from dust caps, EMI caps, tubing, shield cages to receptacle bulkhead coding with seals. They enhance the usability and protection of OCTIS™ Outdoor I/O System.

RECEPTACLE DUST CAP

Protects the panel cut out area from direct exposure to dust prior to the mating of plug assembly with the board connector.

Material: NBR

FEATURES	BENEFITS
▪ Rubber material	▪ Lightweight
▪ Holding grip	▪ Ease of insertion and removal
▪ Corrugated design	▪ Ensures proper sealing

Description	Part Number
Receptacle dust cap	10138810–001

TARGET MARKETS

RECEPTACLE EMI CAP

Insulates equipment from EMI and also from dust prior to the mating of plug assembly with the board connector.

Material: Shielding Cap (SS), Plastic Body (PBT)

FEATURES	BENEFITS
▪ Locking lever	▪ Helps to lock and remove the cap from the receptacle or bulkhead
▪ Metal casing with multiple fingers force fitted on plastic housing	▪ Ensures proper sealing and EMI protection

Description	Part Number
Receptacle EMI cap	10138809–101LF

TARGET MARKETS

OCTIS™ is a trademark of Radiall

PLUG CAP

Protects the connector mating interface area from damage and prevents dust ingress in unmated condition. RJ45 version also helps to locate the plug connector position accurately.

Material: PBT

FEATURES	BENEFITS
▪ Conduit opening at the closed end	▪ Cap can be suspended with a plastic chain or cable from the mast prior to mating or unmating
▪ Robust	▪ Can be used for pulling the plug assembly
▪ Locating pin	▪ Ensures full seating of the plug kit locking lever

Description	Part Number
Universal (all interfaces except RJ45)	10135726–001
RJ45	10135728–001

TARGET MARKETS

EXTENSION TUBE

Protects the termination area of the fiber cable.

Material: Rubber/ Silicon

FEATURES	BENEFITS
▪ Flexible tube	▪ Custom length
▪ Encapsulates the fiber	▪ Protection of fiber

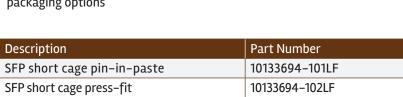| Description	Part Number
Rigid extension tube 95mm	10137968–001LF
Flexible extension tube 400 mm	10137969–001LF

TARGET MARKETS

CAGE

Provides EMI protection for the SFP board connector.

Material: Brass

FEATURES	BENEFITS
▪ Metal enclosure for the SFP board connector	▪ EMI protection
▪ Press-fit with tray packaging and pin-in-paste termination with both tray and tape-in-reel packaging options	▪ Flexibility

Description	Part Number
SFP short cage pin-in-paste	10133694-101LF
SFP short cage press-fit	10133694-102LF

TARGET MARKETS

BULKHEAD RECEPTACLE

Ensures proper locking of plug kit assemblies after mating with board connector.

Material: Aluminum

FEATURES	BENEFITS
▪ Screw on receptacle or direct panel casting options	▪ Flexibility
▪ Aluminum casting	▪ Lightweight
▪ Rubber gasket	▪ Ensures IP 67 protection at the panel mounting area
▪ Locating pin	▪ Ensures full seating of the plug kit locking lever
▪ Panel mounting with two screws	▪ Easy to install and location of screw positions ensures minimum pitch

TARGET MARKETS

Description	Part Number
Bulkhead receptacle Signal	10138460-101LF
Bulkhead receptacle Power	10138459-101LF
Bulkhead receptacle Hybrid	10138461-101LF
Bulkhead receptacle RJ45	10138456-101LF
Bulkhead receptacle SFP	10138458-101LF
Bulkhead receptacle Universal	10138462-101LF

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