DATASHEET

Onboard Mobile Signal Coverage System

Carries the shore mobile network into the cabins, engine room and control room instead of stopping at the deck.

CATEGORY	MODELS	SIZE CLASS
System	**—**	**Below-deck coverage**

SPECIFICATION

Item	Detail
Problem addressed	Steel hull and machinery spaces shield the shore cellular signal; phones lose service inside the vessel
Method	Indoor antenna distribution system spreading the shore base-station signal through the ship
Coverage target	Accommodation, engine room, workshop, control room — the spaces with the strongest shielding
Capacity role	Micro-cell layer takes traffic off the shore macro network
Reported result	Improved call quality and a higher mobile call connection rate inside the ship

The catalogue documents this system as a topology diagram and application overview; it lists no model-level RF specification. Component list and link budget are quoted per vessel.

AT A GLANCE

— Indoor antenna distribution for coverage below decks
— Targets the shielded engine room, workshop and control room
— Micro-cell layer offloads shore macro traffic
— Documented benefit: better call quality and a higher connection success rate