



OTDR Launch Boxes

- Improve OTDR measurement accuracy
- Available with "ModCon" launch conditioning to allow compliance with EF requirements of IEC 61280-4-1
- Rugged carrying case for long lifetime in field or factory
- Available in 09/125 SM, 50/125 MM, 62.5/125MM
- Removable metal top plate exposes splice tray so user can replace input and output leads (Fusion splicer required)



When measuring fiber optic cables using an OTDR, a launch box helps to minimize the effects of the OTDR's launch pulse thus improving the accuracy of the measurement. Our high quality launch boxes come in two housing formats:

- Rugged "PELI" box versions are airtight, watertight and incredibly tough. These military approved cases are IP65 rated and are used in the harshest environments. Select this version if you want the best protection for your lead-in fiber.
- ABS "Midi" style enclosure is slightly larger than the "Euro" for longer fiber lengths.
- Aluminium "EuroCard" enclosure is smaller, lighter than the PELI case offering an ideal solution for factory or lab environments where space is at a premium.

We can supply a range of products in different fiber types including versions with "ModCon" mode control to enable your OTDR to meet the Encircled Flux launch condition requirement in IEC 61280-4-1.

All our boxes come with a full test certificate and 1 year warranty (except damaged connectors).

Technical Specification



	"Peli" Style	"Midi" Style	"Euro" Style
Size	232 x 192 x 111 mm 9.25 x 7.75 x 4.5 in	155 x 240 x 35 mm 6.0 x 9.5 x 1.45 in	166 x 105 x 33 mm 6.5 x 4.1 x 1.3 in
Input & Output Leads	3mm jacketed, aramid yarn strength member, 1m long	3mm jacketed, aramid yarn strength member, 1m long	3mm jacketed, aramid yarn strength member, 1m long
Weights	1.3 kg (3.0 lb)	0.5kg (1.1 lb)	0.5kg (1.1 lb)
Operating Temperature	-40°C to +55°C	0°C to +40°C	0°C to +40°C
ROHS Compliant	Yes	Yes	Yes
Case	Polypropylene copolymer; IP65 rated	ABS	Aluminum alloy
Typical Loss	< 0.5dB @ 1310nm with 1km sm fiber	< 0.5dB @ 1310nm with 1km sm fiber	< 1.0dB @ 1310nm with 200m mm fiber



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Ordering Information

OTDR lead-in boxes in "PELI" case	Single Mode
ALB-09-0500-FC/FC-P	OTDR lead-in box, containing 500m of 09/125 fiber with FC connectors, in "Peli" case.
ALB-09-0500-FCAPC/FCAPC-P	OTDR lead-in box, containing 500m of 09/125 fiber with FCAPC connectors, in "Peli" case.
ALB-09-0500-SC/SC-P	OTDR lead-in box, containing 500m of 09/125 fiber with SC connectors, in "Peli" case.
ALB-09-0500-SCAPC/SCAPC-P	OTDR lead-in box, containing 500m of 09/125 fiber with SCAPC connectors, in "Peli" case.
ALB-09-1000-FC/FC-P	OTDR lead-in box, containing 1000m of 09/125 fiber with FC connectors, in "Peli" case.
ALB-09-1000-FCAPC/FCAPC-P	OTDR lead-in box, containing 1000m of 09/125 fiber with FCAPC connectors, in "Peli" case.
ALB-09-1000-SC/SC-P	OTDR lead-in box, containing 1000m of 09/125 fiber with SC connectors, in "Peli" case.
ALB-09-1000-SCAPC/SCAPC-P	OTDR lead-in box, containing 1000m of 09/125 fiber with SCAPC connectors, in "Peli" case.
ALB-09-2000-FC/FC-P	OTDR lead-in box, containing 2000m of 09/125 fiber with FC connectors, in "Peli" case.
ALB-09-2000-FCAPC/FCAPC-P	OTDR lead-in box, containing 2000m of 09/125 fiber with FCAPC connectors, in "Peli" case.
ALB-09-2000-SC/SC-P	OTDR lead-in box, containing 2000m of 09/125 fiber with SC connectors, in "Peli" case.
ALB-09-2000-SCAPC/SCAPC-P	OTDR lead-in box, containing 2000m of 09/125 fiber with SCAPC connectors, in "Peli" case.

OTDR lead-in boxes in "MIDI" case	Single Mode
ALB-09-0500-FC/FC-M	OTDR lead-in box, containing 500m of 09/125 fiber with FC connectors, in "MIDI" case.
ALB-09-1000-FC/FC-M	OTDR lead-in box, containing 1000m of 09/125 fiber with FC connectors, in "MIDI" case.
ALB-09-2000-FC/FC-M	OTDR lead-in box, containing 2000m of 09/125 fiber with FC connectors, in "MIDI" case.

OTDR lead-in boxes in "PELI" case	Multi Mode
ALB-50-100-SC/SC-P	OTDR lead-in box, containing 100m of 50/125 multimode fiber with SC connectors, in "Peli" case.
ALB-50-100-SC/SC-P-MC	OTDR lead-in box, containing 100m of 50/125 multimode fiber with SC connectors, in "Peli" case. With "ModCon" mode controller.
ALB-50-250-SC/SC-P	OTDR lead-in box, containing 250m of 50/125 multimode fiber with SC connectors, in "Peli" case.
ALB-50-250-SC/SC-P-MC	OTDR lead-in box, containing 250m of 50/125 multimode fiber with SC connectors, in "Peli" case. With "ModCon" mode controller.
ALB-50-500-SC/SC-P	OTDR lead-in box, containing 500m of 50/125 multimode fiber with SC connectors, in "Peli" case.
ALB-50-500-SC/SC-P-MC	OTDR lead-in box, containing 500m of 50/125 multimode fiber with SC connectors, in "Peli" case. With "ModCon" mode controller.
ALB-62-100-SC/SC-P	OTDR lead-in box, containing 100m of 62.5/125 multimode fiber with SC connectors, in "Peli" case.
ALB-62-100-SC/SC-P-MC	OTDR lead-in box, containing 100m of 62.5/125 multimode fiber with SC connectors, in "Peli" case. With "ModCon" mode controller.
ALB-62-250-SC/SC-P	OTDR lead-in box, containing 250m of 62.5/125 multimode fiber with SC connectors, in "Peli" case.
ALB-62-250-SC/SC-P-MC	OTDR lead-in box, containing 250m of 62.5/125 multimode fiber with SC connectors, in "Peli" case. With "ModCon" mode controller.
ALB-62-500-SC/SC-P	OTDR lead-in box, containing 500m of 62.5/125 multimode fiber with SC connectors, in "Peli" case.
ALB-62-500-SC/SC-P-MC	OTDR lead-in box, containing 500m of 62.5/125 multimode fiber with SC connectors, in "Peli" case. With "ModCon" mode controller.



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OTDR lead-in boxes in "EuroCard" enclosure – multimode	
ALB-50-100-SC/SC-E	OTDR lead-in box, containing 100m of 50/125 multimode fiber with SC connectors, in "EuroCard" case.
ALB-50-100-SC/SC-E-MC	OTDR lead-in box, containing 100m of 50/125 multimode fiber with SC connectors, in "EuroCard" case. With "ModCon" mode controller.
ALB-50-250-SC/SC-E	OTDR lead-in box, containing 250m of 50/125 multimode fiber with SC connectors, in "EuroCard" case.
ALB-50-250-SC/SC-E-MC	OTDR lead-in box, containing 250m of 50/125 multimode fiber with SC connectors, in "EuroCard" case. With "ModCon" mode controller.
ALB-62-100-SC/SC-E	OTDR lead-in box, containing 100m of 62.5/125 multimode fiber with SC connectors, in "EuroCard" case.
ALB-62-100-SC/SC-E-MC	OTDR lead-in box, containing 100m of 62.5/125 multimode fiber with SC connectors, in "EuroCard" case. With "ModCon" mode controller.
ALB-62-250-SC/SC-E	OTDR lead-in box, containing 250m of 62.5/125 multimode fiber with SC connectors, in "EuroCard" case.
ALB-62-250-SC/SC-E-MC	OTDR lead-in box, containing 250m of 62.5/125 multimode fiber with SC connectors, in "EuroCard" case. With "ModCon" mode controller.

As well as our standard range of products we also make:

- Customised Test Boxes
- Mode Control Patchcords

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For Rest of World sales enquiries call **+44 (0)121 733 7721** or email us on sales@ardenphotonics.com

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