

LMA 79D Series - Heat Shrink Boot Backshells

For use with: MIL-DTL-26482 Series I, PAT 105/PAT 603

Features

- Design based on AS85049 specification
- Sealing and strain relief achieved with the use of a heat shrink boot
- Two-part components allow uncoupling for repairs without damaging the boot

Additional Components Required

- Heat Shrinkable Boot



Part no example

LMA 79 D 1 - 12 - 1 - B

Range prefix

Backshell series

79 – Heat shrink boot backshell

Connector interface

D – MIL-DTL-26482 series I
PAT 105 / PAT 603

Compatible with connector series:
LMH, 62GB, AB05, KPT, 851, IPT
and others *

Angle

1 – Straight

Plating

B – Cadmium drab olive
C – Electroless nickel
ZB – Zinc cobalt olive drab
ZN – Zinc nickel black

Material

1 – Aluminium

Shell size

08 to 24

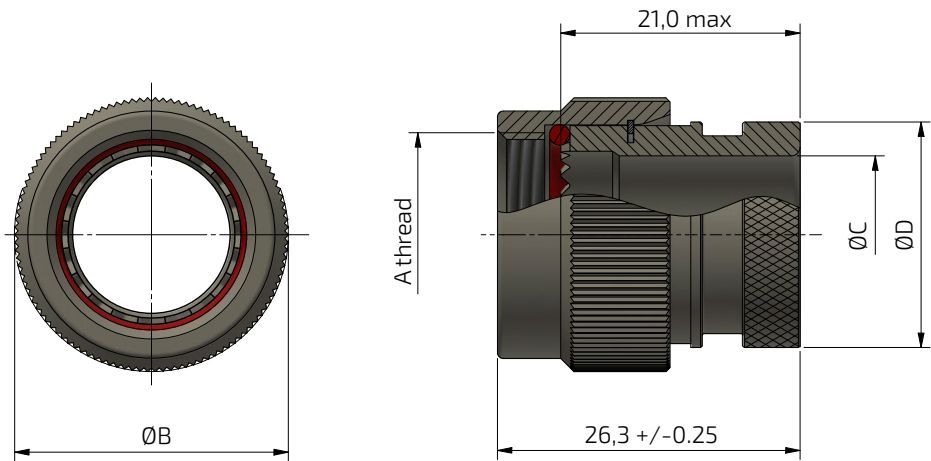
⚠ For EMC screen termination style, please see LMA19 Series. For ultra-low profile style, please see LMA67 Series.

Recommended Torque Values (in Nm) **

Shell size								
8	10	12	14	16	18	20	22	24
4	4	4.5	4.5	6	6	9	9	9

* – For details please contact local Sales Office.

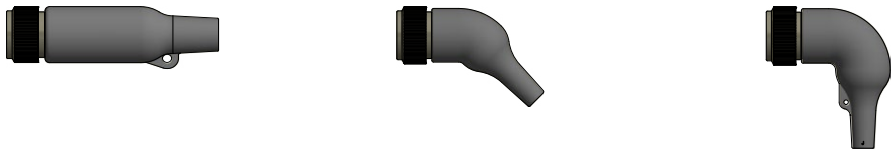
** – Before tightening the spin-coupling adapter, ensure the backshell teeth are correctly aligned and meshed with the connector teeth.



Shell size	A thread	ØB max	ØC min	ØD max
08	7/16-28 UNEF	17.4	7.10	13.50
10	9/16-24 UNEF	20.4	10.30	15.40
12	11/16-24 UNEF	23.9	13.60	19.70
14	13/16-20 UNEF	26.9	16.30	21.30
16	15/16-20 UNEF	29.9	19.50	24.50
18	1 1/16-18 UNEF	33.4	21.90	26.50
20	1 3/16-18 UNEF	36.4	25.20	30.90
22	1 5/16-18 UNEF	39.9	28.30	34.40
24	1 7/16-18 UNEF	42.9	31.50	36.60

Recommended Heat Shrinkable Boots (available from FC Lane Electronics)

Shell size	Part numbers (HellermannTyton)		
	Straight (150 Series)	45° (1800 Series)	90° (1100 Series)
08	152-42	N/A	1152-4
10	154-42	N/A	1154-4
12	155-42	1803-4	1155-4
14	155-42	1803-4	1155-4
16	156-42	1807-4	1156-4
18	156-42	1807-4	1156-4
20	157-42	1806-4	1157-4
22	157-42	1806-4	1157-4
24	158-41	1806-4	1158-4



The example part numbers indicated above provide a reference only to dimensional suitability with the associated backshell dimensions. **As many different cable types, materials and dimensions can be used within any given backshell assembly, it is important that the end-user carefully considers all aspects of the final assembly requirements when selecting and specifying appropriate part numbers.**

For full part number details, see the Hellermann Tyton catalogue at fclane.com website. Heat shrink boots and adhesive options are available from FC Lane Electronics Ltd.