

Mono Modular Series Backshells

EN4165/BACC65/ARINC 809 Connectors



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INTRODUCTION

Carlisle Interconnect Technologies' (CarlisleIT) light weight Mono Modular Series Backshells are designed to minimize weight and maximize internal space and Electromagnetic Interference (EMI) shielding. Our Mono Modular Backshells are an ideal solution for high-end commercial and aviation cables where weight and/or EMI shielding are critical. These light weight backshells also have a number of unique features that improve the ease of assembly and overall system stability.

KEY CHARACTERISTICS

- » Compatible with EN4165/BACC65/ARINC 809 connectors
- » Compression-style shielding method
- » Designed for ease of manufacturing and field repairable
- » High precision with minimal air gap
- » Very effective EMI shielding
- » RoHS compliant

FEATURES

- » Straight, 45, and 90 degree cable exits

Ideal Applications:

- » Aerospace, video and Ethernet
- » EMI protection
- » Weight sensitive

Kit Contents:

- » Two shell halves
- » Two screws

Standard Material and Finish:

- » Shell - Aluminum Alloy or Composite
- » Plating - Electroless Nickel

Optional Material and Finish:

- » Zinc Alloy
- » Additional plating

P/N	Exit Angle	Accommodated Cable Entry Diameter	Screw P/N	Screw Quantity	Width (inches)	Height (inches)	Weight (grams)	Shell
CAR-BK-10XP-S	Straight	0.15"-0.40" (10mm)	MS51959-5	2	1.000	0.995	9.5	Composite
CAR-BK-10XP-45	45°	0.15"-0.40" (10mm)	MS51957-14	2	1.000	1.000	9.5	Composite
CAR-BK-10XC-S	Straight	0.15"-0.40" (10mm)	MS51957-14	2	1.000	0.995	13.0	Aluminum Alloy
CAR-BK-10XC-45	45°	0.15"-0.40" (10mm)	MS51957-14	2	1.000	1.000	13.0	Aluminum Alloy
CAR-BK-10XC-90	90°	0.15"-0.40" (10mm)	MS51957-14	2	1.000	1.200	15.0	Aluminum Alloy
CAR-BK-13XC-S	Straight	0.25"-0.50" (13mm)	MS51957-5	2	1.000	0.994	12.5	Aluminum Alloy
CAR-BK-13XP-S-E	Straight	0.25"-0.50" (13mm)	MS24693-C7	2	1.000	1.450	12.25	Composite