

ATCA Face Plate Blanks

MADE WITH CONDUCTIVE PLASTICS FOR
EMI SHIELDING



Customer Value Proposition:

ATCA blank face plates made with Parker Chomerics PREMIER™ EMI shielding thermoplastics provide required performance and save significant (40% and more) cost. The advantages of thermoplastic injection molding technology over metal fabricated or plated plastic versions can finally be enjoyed without the need for secondary operations and outside supply chain services.

PREMIER face plates incorporate features such as bosses, mounting brackets and alignment pins, thereby reducing or eliminating costs of assembly and labor. PREMIER ATCA blank face plates can provide off-the-shelf form factors, avoiding costly custom designs. PREMIER ATCA blank face plates are manufactured in a single step injection molding process saving up to 50% in weight while providing effective EMI shielding.

Chomerics uses ATCA compliant designs and components to enable easy system integration.

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Product Features:

- Shielding effectiveness for proven compliance with NEBS, FCC, Telecordia and EU standards
- High tensile and flexural strength and modulus for proven compliance with insertion/extraction needs and long life durability
- Faceplate compliance with telecom flammability standards;
- UL 94 V-0 @ 1.5 mm, 5VA @ 2.0 mm, greater than 28% oxygen index rated
- SOFT-SHIELD® 3500 EMI gasket compliant with UL 94 V-0
- Elimination of secondary processing steps lowers total cost of ownership
- Air Dams molded from UL 94V-0 compliant PCABS (Cycology™ C6200)

Product Information

Ordering Information

ATCA Compliant Standard

Features:

- Functional Screw (2)
- Chomerics SOFT-SHIELD® 3500 EMI Gasket Profile 82-74101
- Guide Pins (2)
- No Front Label
- Faceplate portion molded in PREMIER™ UL94 V-0 A240-FRHF
- Air dam portion molded in UL 94V0 compliant PCABS (Cycology™ C6200)

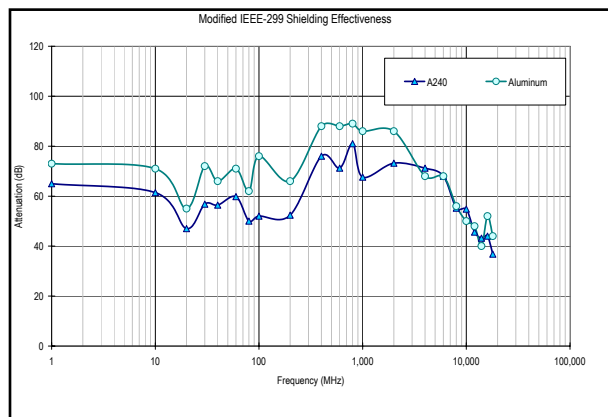
Use the following part number system to order PREMIER™ ATCA blank faceplates. For custom feature options, part numbers will be assigned by Chomerics.

ATCA-F-A240	ATCA Faceplate blank assembly with front air dam
ATCA-R-A240	ATCA Faceplate blank assembly with rear air dam
ATCA-N-A240	ATCA Faceplate blank assembly with no air dam
ATCA-FAD	ATCA front air dam only (270mm)
ATCA-RAD	ATCA rear air dam only (62mm)

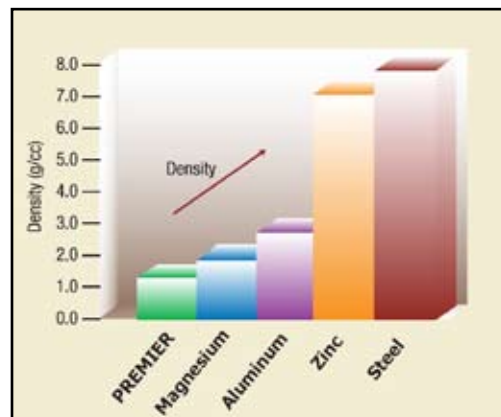
Customization Features (Alpha-numeric part designation will be assigned by Chomerics instead of “S”):

- Custom label supplied by customer, installed by Chomerics
- Wide range of customization features offered. Contact your local Chomerics representative for details

ATCA Faceplate IEEE-299 Shielding Effectiveness



Density Comparison



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For additional PREMIER technical data and test reports, Refer to:
www.parker.com/chomerics

TB 1033 EN May 2019



ENGINEERING YOUR SUCCESS.