

StarShield™ Backshell General Information



StarShield™ Zero Length Termination Backshells

EMI/RFI backshells with heat shrink termination (HST) sleeves provide superior shielding performance and effectiveness in shielded twisted pair cable applications.



Product Features

- The unique StarShield™ configuration completely eliminates “standing antenna” problems common with pigtail shield termination systems.
- The backshell utilizes familiar heat shrink termination (HST) sleeve technology for fast and reliable termination of shielding—even with dissimilar wire types and gauges.
- The internal configuration of the StarShield™ features a tapered split-ring that fits snugly into the conically machined backshell or a lightweight band-terminated compression system adapter.
- Available fittings include overbraid termination, conduit or shrink-boot adapters.
- Available for all standard MIL-AERO circular connector series, and many popular rectangular connector series.
- Environmental sealing, self-locking coupling nuts standard on StarShield™ backshells for select popular connector series
- Optional shrink boots also available.
- StarShield™ termination technology can be adapted to additional connector/backshell types not shown

Part No.	Description	Page No.
83723 Series I & III, 5015 MS400 Series, AS81703 Series 3, and MIL-C- 26482 Series 2		
470-013	StarShield™ environmental EMI/RFI shield termination backshell with self-nestor rotatable coupling nut and rear end options	B-2
470-015	StarShield™ environmental backshell with self-locking rotatable coupling nut and rear end options	B-4
38999 Series I and II Connectors		
470-013	StarShield™ non-environmental, high ferrule count, EMI/RFI shield termination backshell with self-nestor rotatable coupling nut	B-6
470-015	StarShield™ non-environmental, high ferrule count, EMI/RFI shield termination backshell with self-locking rotatable coupling nut	B-8
38999 Series III and IV Connectors		
470-013	StarShield™ non-environmental, high ferrule count, EMI/RFI shield termination backshell with self-locking rotatable coupling nut	B-10
470-014	StarShield™ environmental EMI/RFI shield termination backshell with self-nestor rotatable coupling nut and rear end options	B-12
470-015	StarShield™ extended length, environmental, EMI/RFI backshell with self-locking rotatable coupling nut and shrink boot	B-14
470-017	StarShield™ composite, EMI/RFI shield termination backshell with self-locking rotatable coupling nut and shrink boot	B-16
470-019	StarShield™ split shell, high ferrule count, EMI/RFI shield termination backshell with self-locking rotatable coupling nut	B-18
470-020	StarShield™ split shell, non-environmental, EMI/RFI shield termination backshell with high ferrule count	B-20
477-004	StarShield™ environmental, extended length, EMI/RFI backshell with high ferrule count and self-nestor coupling	B-22
477-005	StarShield™ 90°, extended length, environmental, EMI/RFI shield termination backshell with self-nestor coupling	B-24
477-006	StarShield™ 30° environmental, high ferrule count, EMI/RFI shield termination backshell backshell with self-nestor coupling	B-26
477-007	StarShield™ environmental, extended length EMI/RFI shield termination backshell with self-nestor coupling	B-28
477-008	StarShield™ 30°, environmental, high ferrule count, EMI/RFI shield termination backshell with self-nestor coupling	B-30
477-009	StarShield™ environmental, EMI/RFI shield termination backshell with self-nestor and rear end options	B-32
800 Series Mighty Mouse connectors		
470-021	StarShield™ direct coupling, Mighty Mouse, EMI/RFI shield termination backshell with split banding porch	B-34
477-013	StarShield™ direct coupling, Mighty Mouse, EMI/RFI shield termination backshell with split banding porch	B-36
StarShield Backshells for Rectangular Connectors		
527-448	StarShield™ non environmental, EMI/RFI shield termination backshell assembly for size 2 ARINC 600	B-38
527-449	StarShield™ non-environmental, high ferrule count, EMI/RFI shield termination backshell assembly for size 2 ARINC 600	B-40
527-450	StarShield™ shield termination, EMI/RFI shield termination backshell with banding porch for Collins SGA3 connector	B-42
550-089	StarShield™ non-environmental shield termination backshell with cable entry and receptacle mounting options for D-Subminiature	B-44

Dimensions in inches (millimeters) and are subject to change without notice.