Screened Backshell Product Finder

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Interconnect Solutions Worldwide

SERIES

STANDARD SERIES ARE HIGHLIGHTED

Series	Screen Termination: Overall Screen	Screen Termination: Individual or Multiple Screens	Screen Termination: Tool-free	Screen Termination: Reworkable	Strain Relief: Cable Clamp	Strain Relief: Tie Post	Cable Sealing: Heat Shrink Boot Option	Cable Sealing: Compression Grommet	Additional Components Required: Boot	Additional Components Required: Band
BAND										
BT • Screen termination by stainless steel band • Sealing and strain relief by heat shrink boot • Standard range - many sizes available from stock	•						•		•	•
MB • Designed specifically for micro band, backshell is 5mm shorter than equivalent BT backshell • Sealing and strain relief by heat shrink boot	•						•		•	•
DB • Double band platform for optimum termination of two distinct overall screens • Sealing and strain relief by heat shrink boot	•	•					•		•	•
88 • Screen termination by standard stainless steel band • Strain relief by screw-on cable clamp "can" • "Can" provides protection of screen termination area	•				•					•
89 • Double band platform for optimum termination of two distinct overall screens • Strain relief by screw-on cable clamp "can" • "Can" provides protection of screen termination area	•	•			•					•
VG • Backshells in accordance with VG95319-1011 • Sealing and strain relief by heat shrink boot • Optional conduit insert for VG-style conduit	•						•		•	•
AP • Screen termination by standard stainless steel band • European preferred style, without band retention lip • Sealing and strain relief by heat shrink boot	•						•		•	•
DS • Individual and overall screen termination • Individual screens terminated inside the backshell, close to the connector in order to minimise cross-talk.	•	•					•		•	•

VERSION

STANDARD VERSIONS ARE HIGHLIGHTED

Version	Straight	45°	90°	Spin Coupling	Anti-Decoupling	Low Profile	VG Approved	HE308 Standard	Derived 38999 SERIES I (CLICK ➲ TO VIEW)	II	III & IV
BT - Band Termination	•	•	•	•					➲	➲	➲
BT (CE) - Die Cast Swept Elbow			•	•							➲
BT (LP-EB) - Low Profile EB Weld			•	•		•					➲
BT (SS) - Stainless Steel	•	•	•	•							➲
BT (NB) - Nickel Aluminium Bronze	•	•	•	•							➲
XBT - Composite	•			•	•				➲	➲	➲
XBT (-F) - Composite	•										➲
BT (AD) - Anti-Decoupling	•	•	•	•	•				➲	➲	➲
BT (3C) - Cobra Head			•	•		•			➲		➲
MB - Micro Band Termination	•	•	•	•					➲	➲	➲
DB - Double Band Termination	•	•	•	•					*	*	*
88 - Band-In-A-Can	•	•	•	•					➲	➲	➲
88 (L25) - Micro Band-In-A-Can	•			•		•			➲	➲	➲
88 (3C) - Cobra Head			•	•					➲		➲
89 - Double Band-In-A-Can	•	•	•	•					➲	➲	➲
PVG1AH1 - Band Termination	•			•			•				➲
PVG1BH3 - Band Termination (90°)			•	•			•				➲
PVG1GH1 - Band Termination	•			•			•				➲
PVG1HH3 - Band Termination (90°)			•	•			•				➲
PVG12 - VG Conduit Adaptor Insert				•			•				*
PVG1DH1 - Low Profile / Step-Up Entry	•			•		•	•				➲
AP - Band Termination	•	•	•	•					➲		➲
DS - Internal & External Band Termination	•			•					➲	➲	➲
DS (T3) - Style 2	•			•					➲	➲	➲

*Please contact our sales team for further information

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SPRING										
91 • Tool-free screen termination by stainless steel constant-force spring • Sealing and strain relief by heat shrink boot • Standard range - many sizes available from stock	•		•	•			•		•	
MEMORY RING										
60 • Low-profile screen termination by heat-shrink memory metal ring • Pre-terminated screenbraid sock version available • Sealing and strain relief by heat shrink boot	•						•		•	
BRAID TRAP										
95 • Tool-free 360° screen termination by "barrel thread" braid trap system • Sealing and strain relief by heat shrink boot • Cable clamp version also available	•		•	•	•		•			
BRAID TAIL										
70 • Pre-terminated screenbraid sock • High-reliability low-profile magna-form ring termination • Sealing and strain relief by heat shrink boot	•		•	•			•		•	
MESH TAPE										
KMA* • 360° termination of multiple individual screens • Mesh tape bundle sytem creates windowless EMI barrier even without overall screenbraid • Sealing and strain relief by heat shrink boot	•	•	•	•			•		•	
KMCC* • 360° termination of multiple individual screens • Mesh tape bundle sytem creates windowless EMI barrier even without overall screenbraid • Strain relief by cable clamp: Tool-free assembly and re-work	•	•	•	•	•					

* MANUFACTURED UNDER LICENCE 'AGUSTAWESTLAND HELICOPTERS UK PATENT 2239358'

VERSION

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91 - Spring Termination	•	•	•	•					➲	➲	➲
91 (CE) - Die Cast Swept Elbow			•	•							➲
91 (LP-EB) - Low Profile EB Weld			•	•		•					➲
91 (SS) - Stainless Steel	•	•	•	•							➲
91 (NB) - Nickel Aluminium Bronze	•	•	•	•							➲
X91 - Composite	•			•	•				➲	➲	➲
91 (3C) - Cobra Head			•	•		•			➲		➲
91 - 440 Profile	•	•	•	•							➲
60 - Memory Ring Termination	•	•	•	•					➲	➲	➲
60 (SS) - Stainless Steel	•	•	•	•							➲
60 (NB) - Nickel Aluminium Bronze	•	•	•	•							➲
60 (T6) - Pre-Terminated Braid Tail	•	•	•	•					➲	➲	➲
60 (3C) - Cobra Head			•	•		•					➲
95 - Braid Trap Termination	•	•	•	•					➲	➲	➲
95 (SS) - Stainless Steel	•	•	•	•							➲
95 (NB) - Nickel Aluminium Bronze	•	•	•	•							➲
95 (3C) - Cobra Head			•	•		•			➲		➲
70 - Braid Tail Backshell	•	•	•	•					➲	➲	➲
70 (SS) - Stainless Steel	•	•	•	•							➲
70 (NB) - Nickel Aluminium Bronze	•	•	•	•							➲
KMA - Mesh Tape Termination	•	•	•	•					➲	➲	➲
KMA (D) - Double Slot version	•	•	•	•					➲	➲	➲
KMCC - Mesh Tape Cable Clamp	•	•	•	•					➲	➲	➲

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CONE										
308 • Screen termination using two overlapping cones • Sealing and strain relief by heat shrink boot	•		•	•			•		•	
318 • Individual and overall screen termination using three overlapping cones • Similar space envelope to 308 series • Sealing and strain relief by heat shrink boot	•	•	•	•			•		•	
VG • Backshells in accordance with VG95319-1011 • Screen termination using cone-shaped nut • Sealing and strain relief by heat shrink boot	•		•	•			•		•	
64 • Individual screen termination using castellated cone • Sealing and strain relief by heat shrink boot • Cable clamp version also available		•	•	•	•		•			
35 • Screen termination using two cones • IP68 cable sealing grommet housed in separate chamber to cones • Strain relief by cable clamp: Tool-free assembly and re-work	•		•	•	•			•		
36 • Two or three cone option for individual plus optional overall screen termination • IP68 cable sealing grommet housed in separate chamber to cones • Strain relief by cable clamp: Tool-free assembly and re-work	•	•	•	•	•			•		
39 • Screen termination using single cone • IP68 cable sealing grommet housed in separate chamber to cone • Strain relief by cable clamp: Tool-free assembly and re-work	•		•	•	•			•		
CS64 • Individual screen termination using castellated cone • IP68 cable sealing grommet housed in separate chamber to cone • Strain relief by cable clamp: Tool-free assembly and re-work		•	•	•	•			•		
TAK										
TAK • Screened backshell with pre-installed heatshrink boot • Quick and easy installation • High-reliability magna-form screen termination	•		•				•			

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308 - Dual Cone Termination	•	•	•	•					➲	➲	➲
308 (NB) - Nickel Aluminium Bronze	•	•	•	•							➲
318 - Triple Cone Termination	•			•					➲	➲	➲
PVG1CH1 - Cone Termination			•	•			•				➲
PVG1FH1 - Cone Termination			•	•		•	•				➲
64 - Cone Clamp Termination	•	•	•	•					➲	➲	➲
64 (SS) - Stainless Steel	•	•	•	•							➲
64 (NB) - Nickel Aluminium Bronze	•	•	•	•							➲
64 - Step-Up / Step-Down version	•	•	•	•					➲	➲	➲
64 (SS) - Step-Up / Step-Down version	•	•	•	•							➲
64 (NB) - Step-Up / Step-Down version	•	•	•	•							➲
35 - Cone Clamp Cable Sealing Backshell	•	•	•	•					➲	➲	➲
35 (NE) - Non-Environmental	•	•	•	•					➲	➲	➲
36 - Cone Clamp Cable Sealing Backshell	•	•	•	•					➲	➲	➲
36 (NE) - Non-Environmental	•	•	•	•					➲	➲	➲
39 - Cone Clamp Cable Sealing Backshell	•	•	•	•					➲	➲	➲
39 (NE) - Non-Environmental	•	•	•	•					➲	➲	➲
CS64 - Cone Clamp Cable Sealing Backshell	•	•	•	•					➲	➲	➲
TAK - Heat Shrink Backshell Kit	•	•	•	•					➲	➲	➲
TAK (SS) - Stainless Steel	•	•	•	•							➲
TAK (NB) - Nickel Aluminium Bronze	•	•	•	•							➲

Non-Screened Backshell Product Finder

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SERIES

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Series	Screen Termination: Overall Screen	Screen Termination: Individual or Multiple Screens	Screen Termination: Tool-free	Screen Termination: Reworkable	Strain Relief: Cable Clamp	Strain Relief: Tie Post	Cable Sealing: Heat Shrink Boot Option	Cable Sealing: Compression Grommet	Additional Components Required: Boot	Additional Components Required: Band
96 • Lightweight open-frame cable clamp • Machined from solid for maximum strength and reliability					•					
STRAIN RELIEF										
77 • Entry sizes to match cable bundle diameter • Extended can offers protection to rear of connector					•					
37 • IP68 cable sealing grommet • Strain relief by cable clamp: Tool-free assembly and re-work					•			•		
86 • Lightweight strain-relief • Machined from solid for maximum strength and reliability						•				•
HEAT SHRINK BOOT										
97 • Profile specifically designed for optimum performance with heatshrink boot • Standard range - many sizes available from stock							•		•	
76 • Low profile form for heatshrink boot							•		•	
VG • Backshells in accordance with VG95319-1011 • Sealing and strain relief by heat shrink boot							•		•	
GROMMET COMPRESSION NUT										
98 • Provides protection and compression of the connector grommet										
THREAD ADAPTORS & EXTENDERS										
THREAD ADAPTORS • Backshell providing standard Metric, Imperial, PG or NPT thread for a variety of applications										
EXTENDERS/ ANGLE ADAPTORS • Extends connector rear • Used in conjunction with any screened or non-screened backshell • Straight or angled versions										

VERSION

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96 - Cable Clamp Backshell	•		•	•		•				➲	➲
96 (SS) - Stainless Steel	•		•	•		•					➲
96 (NB) - Nickel Aluminium Bronze	•		•	•		•					➲
96 (AD) - Anti-Decoupling			•	•	•	•				➲	➲
77 - Cable Clamp, Optional Entry Size	•	•	•	•						➲	➲
37 - Cable Sealing Backshell	•	•	•	•					➲	➲	➲
86 - Tie Post Backshell	•		•	•		•				➲	➲
86 (ET) - Earth Tag Option	•		•	•		•				➲	➲
97 - Heat Shrink Boot Backshell	•	•	•	•					➲	➲	➲
97 (SS) - Stainless Steel	•	•	•	•							➲
97 (NB) - Nickel Aluminium Bronze	•	•	•	•							➲
97 (ET) - Earth Tag Option	•	•	•	•					➲	➲	➲
76 - Low Profile Heat Shrink Boot Backshell	•			•		•				➲	➲
PVG1EH1 - Heat Shrink Boot Backshell	•			•			•				*
98 - E Nut Backshell	•			•		•				➲	➲
Metric / Unified / PG / NPT Adaptor	•	•	•	•					➲	➲	➲
Metric / Unified / PG / NPT Fixed Adaptor	•									➲	➲
DC - Extender / Angle Adaptor	•	•	•	•					➲	➲	➲
DC (-F) - Fixed Extender Adaptor	•										➲

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