

HEX Hexashield

EMC Protection

Part Numbering

Superior EMC/EMI Shielding Performance

Hexashield is designed to provide optimum EMC protection solutions for both commercial and military applications, representing a significant improvement over pigtail termination methods. Providing 360° EMC shielding on the termination area of each individual cable, HexaShield adaptors provide outstanding shielding effectiveness.

Using the part numbering elements below, construct your part number, or contact us for details.

HEX18 Adaptor family

Code 18 MIL-C-5015 (MS3100)

HEX21 Adaptor family

Code 21 MIL-C-26482 Series I

HEX40 Adaptor family

Code 40 MIL-C-38999 Series III & IV.

HEX41 Adaptor family

Code 41 MIL-C-38999 Series I & II.

HEX54 Adaptor family

Code 54 MIL-C-26482 Series II;
MIL-C-5015 (MS3400)

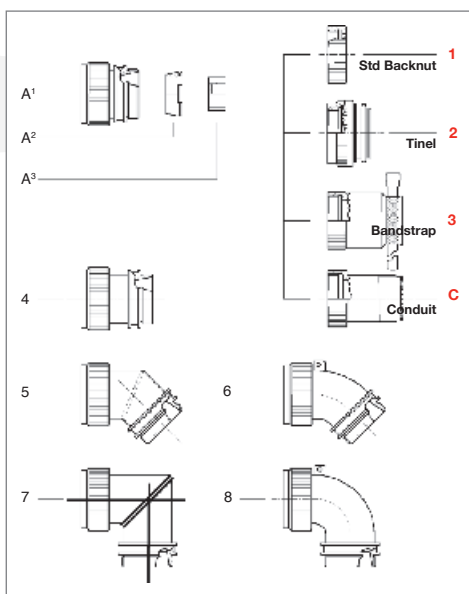
Features and benefits

- Simple installation
- Easy re-entry
- Simplified maintenance repair
- Excellent mechanical and environmental resistance
- Efficient strain relief
- Flexibility
- Versatility

EMC Performance

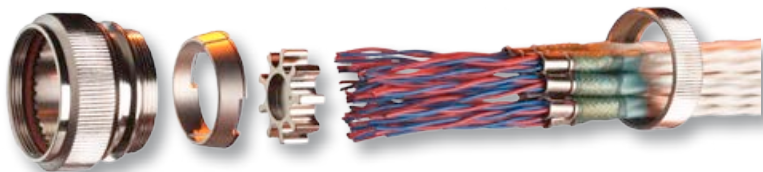
- Withstands 10-kA peak current lightning transients of SAE AEL-87-3 rev. B.
- Outperforms traditional pigtail termination, especially in HIRF performance.

Hexashield adaptors are also available for ARINC 600 connectors, please contact us for details.



Kit Description

- A¹ Straight adaptor
- A² Conic ring
- A³ Star: Plain (Std), Drilled (Option), Split (Option)
- 4 Straight adaptor, longer body
- 1 Standard backnut
- 2 Tinel adaptor
- 3 Bandstrap adaptor
- C Conduit adaptor
- 5 45° adaptor, welded
- 6 45° adaptor, swept
- 7 90° adaptor, welded
- 8 90° adaptor, swept



HEX40 L-A B-00 S-11-A2-1-DS

PART NUMBER EXAMPLE

Drilled Star Option: Contact us

Type of Backnut: 1, 2, 3 or C see illustration

Ferrules: Number of ferrules that can be fitted. These need to be ordered separately see info below.

Shell Size Code: (09,11,13,15,17,19,21,23,25) according to appropriate code to MIL spec

Version: S Swept version (items 6 and 8)
Omit if standard welded version required.

Angle: 00 = Straight; 45 = 45°; 90 = 90°

Plating: B = Cadmium, C = Electroless Nickel

Material: A Aluminium alloy

Body Type: L Long body (see item 4), blank if std body

Adaptor Family designation: See opposite page

Ferrule Quantity by Shell Size

Shell Size		Ferrule Quantity	
Ref.	Mil.	Std.	Opt.
09	A	1	-
11	B	2	-
13	C	3	-
15	D	5	-
17	E	6	7
19	F	7	-
21	G	9	11
23	H	10	13
25	J	12	17

Table based on 38999 Series III and IV

Ferrule Kit - Part Numbers

HET-A-02X for small-size cable with SolderShield terminator

HET-A-03X for connection of unshielded cables ferrules with heat-shrinkable tubing (no shield).

HET-A-04X for large size cables with SolderShield terminator.

Type of plating

B = Cadmium plated

C = Electroless nickel

HET07-AX ferrule - solid blank for use when a HET-A is not needed