

Benefits

- One interface for power, RF and control signals
- Quick and easy locking and unlocking (SnapLock)
- Space-saving
- Cost saving – all in one connector
- Low magnetic versions
- Customer-specific solutions possible

Applications

- Process control
- Control systems
- Telecommunications
- Medical
- Power supplies
- Test and measurement devices
- Transport industry



Characteristics	D-SUB Standard	D-SUB High Density	D-SUB Combination	D-SUB Combination High Density
Shell	Steel tin plated, Brass tin plated, Stainless steel			
Number of poles	9, 15, 25, 37, 50	15, 26, 44, 62, 78	21 different layouts	19W1, 15W4, 45W2
Solder pin straight	✓	✓	✓	✓
Solder pin angled	✓	✓	✓	✓
Press-fit contact straight	✓	✓	✓	
Solder cup	✓	✓	✓	✓
Wire Wrap	✓		✓	
Crimp body (without contacts)	✓	✓	✓	
IDC for flat ribbon cable	✓			
Interface adapter	✓	✓		
Current rating	up to 7.5 A	up to 3 A	up to 7.5 A (Signal), 40 A (Power)	up to 3 A (Signal), 40 A (Power)
Contact plating	Gold over nickel			
Quality class	1 + 3			
Degree of protection (in mated condition)	IP20			

The table just shows a general overview. Some variants might not be available.



Benefits

- Filtering directly at interface
- Can be used without PCB redesign
- Filter-adapter for retrofitting existing systems
- Up to 3-step low-pass filters
- Selective filtering
- Mixed capacitances
- Low magnetic versions

Applications

- Medical
- Telecommunications
- Test and diagnostic devices
- Power supplies
- Industrial interfaces
- Military



Characteristics	Filter D-SUB Standard	Filter D-SUB High Density	Filter D-SUB Combination
Shell	Steel tin plated, Brass tin plated		
Number of poles	9, 15, 25, 37, 50	15, 26, 44, 62, 78	2W2C, 3W3, 3W3C, 5W5, 8W8
Solder pin straight	✓	✓	✓
Solder pin angled	✓	✓	✓
Press-fit contact straight			✓
Solder cup	✓	✓	✓
Interface adapter	✓	✓	
C-Filter	up to 33 nF	up to 1000 pF	up to 100 nF
LC-Filter	up to 33 nF	up to 1000 pF	
Pi-Filter	up to 2600 pF		
DWV	up to 1500 V DC	up to 300 V DC	up to 1500 V DC
Current rating	up to 7.5 A	up to 3 A	up to 7.5 A (Signal), 40 A (Power)
Rated voltage	100 V DC		
Contact plating	Gold over nickel		
Quality class	1 + 3		
Degree of protection (in mated condition)	IP20		

The table just shows a general overview. Some variants might not be available.

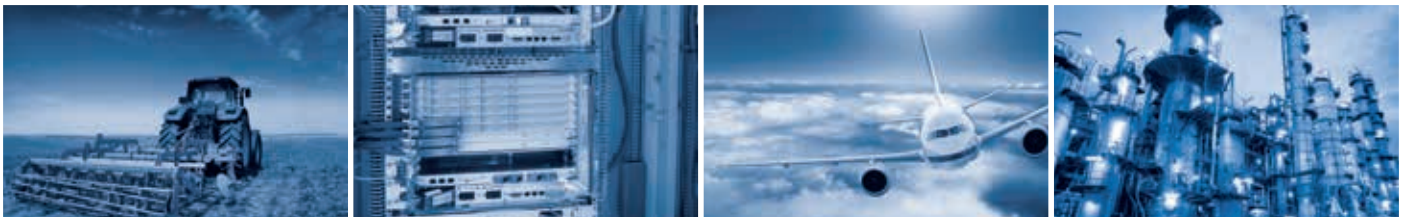


Benefits

- Cable entry: straight, lateral, multiple
- Large space for combination D-SUB
- CONEC SnapLock for fast and secured locking
- Screw latching or slide locking
- Touch protection of termination side
- For round and flat ribbon cables

Applications

- Aviation
- Telecommunications
- Industrial plants
- Transportation industry
- Cable assembly



Characteristics	Metal Hood	Plastic Hood metallized	Plastic Hood	Protection cap plastic	Protection cap metal
Shell size 1-5	✓	✓	✓	✓	✓
Shielding			✓		
Lanyard					✓
Large assembly space		✓	✓		
Cable entry					
Straight	✓	✓	✓		
Side	✓	✓	✓		
Multiple	✓	✓	✓		
Degree of protection (in mated condition)	IP20				
Fastening					
Without screws	depending on type				
Short screws					
Jack screws					
For flat ribbon cable					
Cable to cable connection					
With slide lock					

The table just shows a general overview. Some variants might not be available.



Benefits

- Use in harsh environments
- Front and back panel mounting
- Solid body (robust, single-part connector housing)
- Increased corrosion protection
- Precision machined contacts
- SlimCon (compact size)
- Suitable for post overmolding (CONEC SlimCon Solder cup)

Applications

- GPS Navigation
- Renewable energy
- Security and surveillance systems
- Military
- Aviation
- Communications
- Industrial interfaces
- Cable assembly
- Housing and device production
- Medical
- Process automation
- Control systems
- Process control
- Transport industry



Characteristics	IP67 D-SUB Standard	IP67 D-SUB High Density	IP67 D-SUB Combination	IP67 D-SUB Combination High Density
Shell Brass tin plated	✓	✓	✓	✓
Shell Stainless steel	✓	✓	✓	✓
Solid Body (one piece shell) Zinc die-cast nickel plated	✓	✓	✓	✓
CONEC SlimCon (Size1 - 3)	✓	✓	✓	✓
Number of poles	9, 15, 25, 37, 50	15, 26, 44, 62, 78	21 different Layouts	19W1, 15W4, 45W2
Solder pin straight	✓	✓	✓	✓
Solder pin angled	✓	✓	✓	✓
Solder cup	✓	✓	✓	✓
Interface adapter	✓	✓		
Current rating	up to 7.5 A	up to 3 A	up to 7.5 A (Signal), 40 A (Power)	up to 3 A (Signal), 40 A (Power)
Contact plating	Gold over nickel			
Quality class	1 + 3			
Degree of protection (in mated condition)	IP67			

The table just shows a general overview. Some variants might not be available.

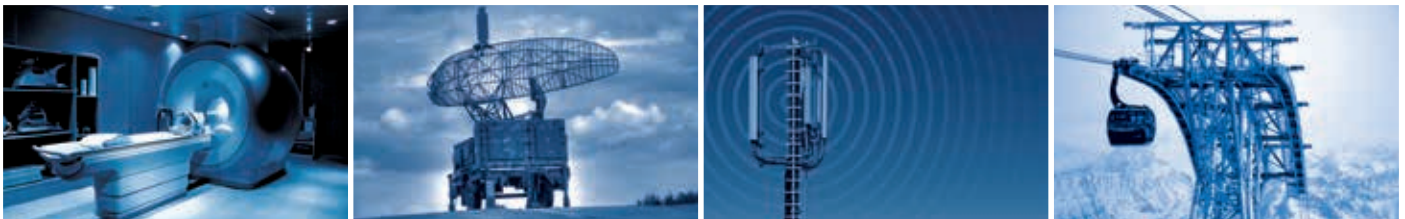


Benefits

- Filtering directly at interface
- Can be used without PCB redesign
- Use in harsh environments
- Selective filtering
- Mixed capacitance
- Low magnetic versions
- CONEC SlimCon either Silicone or EMC sealing

Applications

- Medical
- Telecommunications
- Test and diagnostic devices
- Power supplies
- Industrial interfaces
- Military
- Aviation



Characteristics	IP67 Filter D-SUB Standard	IP67 Filter D-SUB High Density	IP67 Filter D-SUB CONEC SlimCon
Shell	Brass tin plated		Zinc die-cast nickel plated
Panel sealing	O-Ring		Sealing gasket
Number of poles	9, 15, 25, 37, 50	15, 26, 44, 62, 78	9, 15, 25
Solder pin straight	✓	✓	✓
Solder pin angled	✓	✓	
Solder cup	✓	✓	✓
Filter type			
C-Filter	up to 1300 pF	up to 1000 pF	up to 1200 pF
DVV	424 V DC	300 V DC	424 V DC
Current rating	7.5 A	3 A	5 A
Rated voltage	100 V DC		
Contact plating	Gold over nickel		
Quality class	1 + 3		
Degree of protection (in mated condition)	IP67		

The table just shows a general overview. Some variants might not be available.



Benefits

- Compact design
- Integrated cable gland
- Large space for combination D-SUB
- With shield connection
- UV resistant
- Assembly without special tools

Applications

- Aviation
- Telecommunications
- Renewable energy
- Automation technology
- Security and surveillance systems



Characteristics	Plastic Hood black	Plastic Hood metallized	Protection cap metal design
Shell size 1-5	✓	✓	✓
Suitable for	D-SUB, HD-SUB, Combination D-SUB	D-SUB, HD-SUB, Combination D-SUB	D-SUB, HD-SUB, Combination D-SUB
Lanyard shielded		✓	✓
Degree of protection (in mated condition)	IP67		
Short screws	✓	✓	✓
Jack screws	✓	✓	✓

The table just shows a general overview. Some variants might not be available.