

# Hand Rewind Bonding Reel and Hydrant Pit Valve Lanyard Reel

Part No DCA12250

## Technical Data

Bonding and Lanyard Reels come complete with mounting bracket and can be supplied with customer specified options to suit the end user, providing tailored operational solutions at competitive pricing.

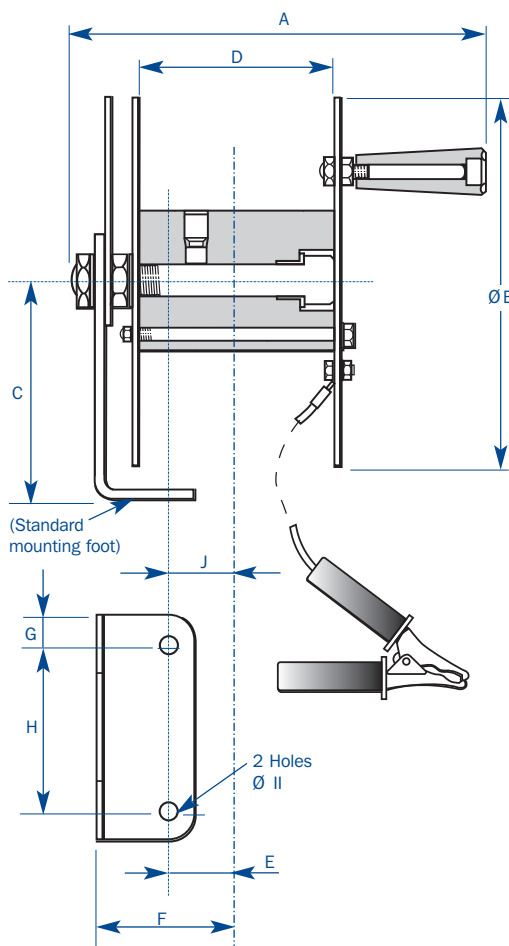
## Bonding Reel Options

### Cable options

- Clear PVC covered copper braid (DA9519).  
The copper is 3.4mm in diameter and the PVC cover is 5.4mm in diameter. This cable is suitable for applications above minus 19°C.
- Low temperature cable (SK2665) suitable for applications below minus 19°C.
- High visibility cable DW20749. This cable has increased luminosity.

### Clamp Options

- Standard Reel comes complete with brass clamp. (0100213002)
- Optional Plated clamp. (401-0050-035)



Part No	Cable length	Cable type
DCA12250	Reel Only	
DCA12250-1	10m	Copper braid clear PVC cover
DCA12250-2	20m	Copper braid clear PVC cover
DCA12250-3	30m	Copper braid clear PVC cover
DCA12250-4	10m	Low temperature cable
DCA12250-5	20m	Low temperature cable
DCA12250-6*	30m	Low temperature cable
DCA12250-7	10m	High visibility cable
DCA12250-8	20m	High visibility cable
DCA12250-9	30m	High visibility cable

\* MOD Approved version

## Lanyard Reel options.

The Lanyard Reels can be supplied with two attachment methods: a 'Crew Hook' DA4284 or a 'Dog Clip' DC21675 assembly. Various lanyard lengths are also available.

Part No	Cable length	Cable type
DA4284-1	15m	Cable & 3" Crew Hook Assembly
DA4284-2	20m	Cable & 3" Crew Hook Assembly
DA4284-3	30m	Cable & 3" Crew Hook Assembly
DC21957-1	15m	Reel, Cable & 20mm HD Turnbuckle Dog Clip Assembly
DC21957-3	20m	Reel, Cable & 20mm HD Turnbuckle Dog Clip Assembly
DC21957-2	30m	Reel, Cable & 20mm HD Turnbuckle Dog Clip Assembly

## Dimensions.

Part	A	B	C	D	E	F	G	H	J	Mass
Bonding Reel DCA12250-3	220mm	Ø185mm	115mm	96mm	29.5mm	74mm	12.5mm	90mm	44mm	4.8 Kg

All dimensions are maximum dimensions. The mass is based on 30m of standard bonding cable fitted to the unit and may vary depending on the options the customer exercises.

FTI's policy of continuous improvement means we reserve the right to alter designs and specifications without notice.

The descriptions, illustrations and product references in the datasheet are for information purposes only and are not binding. (Updated December 09)

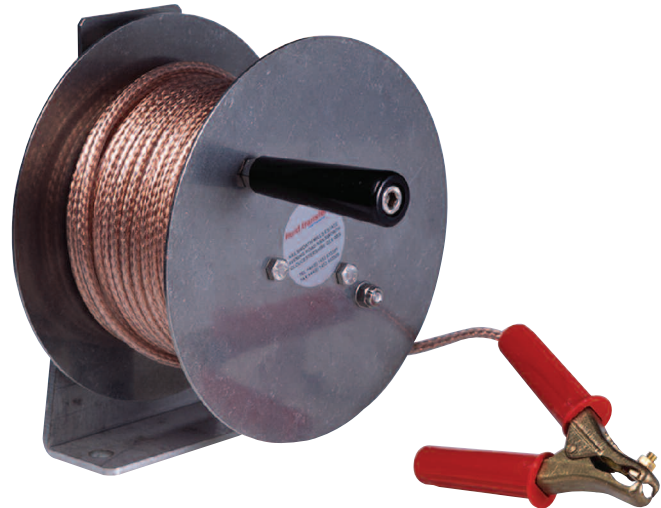


## Applications

- Bonding Reel provides electrical connection between refuelling equipment, aircraft and bulking sites.
- Lanyard Reel provides physical connection between Hydrant Dispenser and Pit Valve.

## Features

- Stainless steel cheek plates, mounting bracket and centre pin, rigid PVC hub.
- Internally protected electrical contact <0.2 Ohms resistance.
- Adjustable rotational brake to prevent overrun.
- MOD Approved Version  
NATO Stock Number  
7MTE/2590-99-301-6197\*



## Specification

Fluid Transfer have developed a standard multi-purpose reel. The reel may be used as both a bonding and lanyard reel. As a bonding reel the unit provides electrical bonding between refuelling equipment, aircraft and bulking sites. As a lanyard reel the unit provides connection between a Hydrant Dispenser and the pit valve for manual emergency shut down of fuelling operations.

The unit will be subjected to a high frequency of operation. To ensure longevity and operational performance only high quality materials are used in construction. Cheek plates, mounting bracket and centre pin are in stainless steel with the hub manufactured in rigid PVC.

An adjustable rotational brake is incorporated in the design, preventing reel overrun. Also an internally protected electrical contact is provided. This ensures good reliable continuity between the mounting bracket and bonding cable, with a resistance value better than 0.2 Ohms. Positive locking of the reel can be provided by using the bonding clip in conjunction with an optional the slotted inner cheek plate and bracket.