

A. System Overview

Disco-Lok™ Female Disconnect, Nylon Fully Insulated – Funnel Entry

B1. Cable Ties

Type DNG-FL

- Disconnect can be inserted and removed from the male tab without the use of tools for lower installed cost
- Unique locking mechanism design allows for low insertion forces (mating) and positive lock for high vibration applications where a secure connection is mandatory
- Fully insulated design provides protection from electrical shorts
- Flared barrel extension integrated into stamping to provide insulation grip for double crimp requirements
- Insulation housing moves back and forth to engage and disengage locking mechanism for repeated use.
- Specialty tool required to install this disconnect (CT-1014)
- Mates with DNF-FIMB family
- UL Flammability UL 94V-2/HB, maximum insulation temperature 221°F (105°C)
- UL and CSA rated up to 300 V per UL 310

B2. Cable Accessories

B3. Stainless Steel Ties



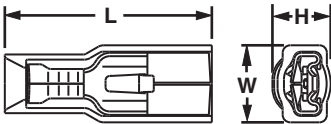
Part Number	Wire Range	Color Code	Max. Ins. (In.)	Figure Dimensions (In.)			Tab Size (In.)	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
				L	W	H				
DNG18-250FL-L	22 – 18 AWG	Red	0.126	0.97	0.36	0.24	0.250 x 0.032	CT-1014	50	250
DNG14-250FL-L	16 – 14 AWG	Blue	0.150	0.97	0.36	0.25	0.250 x 0.032	CT-1014	50	250

C1. Wiring Duct

C2. Surface Raceway



C3. Abrasion Protection



**Bulk packaging may be available, contact Panduit Customer Service for additional information. For crimping tool information, see page D1.84.

C4. Cable Management

Male/Female Coupler, Nylon Fully Insulated – Funnel Entry

Type DNF

- Disconnect can be inserted and removed from the male tab without the use of tools for lower installed cost
- Fully insulated design provides protection from electrical shorts
- Internal barrel serrations assure good wire contact and maximum tensile strength
- Internal wire stop assures proper length of insertion into terminal barrel, providing a higher quality connection
- Coupler, male, and female parts sold separately
- UL Flammability UL 94V-2/HB, maximum insulation temperature 221°F (105°C)
- UL and CSA rated up to 600 V per UL 310

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors



MALE

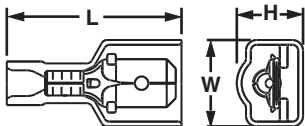


FEMALE

Part Number	Wire Range	Color Code	Max. Ins. (In.)	Figure Dimensions (In.)			Tab Size (In.)	Recommended Installation Tool	Std. Pkg. Qty.**	Std. Ctn. Qty.
				L	W	H				
DNF18-250FIM-L Male	22 – 18 AWG	Red	0.133	0.90	0.42	0.27	0.250 x 0.032	CT-100A‡, CT-600-A, CT-1525‡, CT-2500‡	50	250
DNF18-250FIMB-L Male			0.136	0.91	0.45	0.34	0.250 x 0.032			
DNF18-250FIB-C Female			0.136	0.84	0.35	0.22	0.250 x 0.032	CT-100A, CT-600-A, CT-1525‡, CT-2500‡	100	1000
DNF14-250FIM-L Male	16 – 14 AWG	Blue	0.158	0.90	0.42	0.27	0.250 x 0.032	CT-600-A, CT-1525‡, CT-2500‡	50	250
DNF14-250FIMB-Q Male			0.160	0.91	0.45	0.34	0.250 x 0.032			
DNF14-250FIB-C Female			0.160	0.84	0.35	0.22	0.250 x 0.032	CT-100A, CT-600-A, CT-1525‡, CT-2500‡	100	1000
DNF10-250FIMB-Q Male	12 – 10 AWG	Yellow	0.220	0.96	0.45	0.36	0.250 x 0.032	CT-600-A‡, CT-1550‡, CT-1551‡, CT-2500‡	25	125
DNF10-250FI-L Female			0.220	0.95	0.36	0.27	0.250 x 0.032			

E1. Labeling Systems

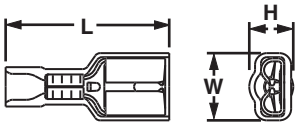
E2. Labels



MALE

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification



FEMALE

E5. Lockout/Tagout & Safety Solutions

F. Index

**Bulk packaging may be available, contact Panduit Customer Service for additional information. ‡UL and CSA approved tooling/product combinations. For crimping tool information, see pages D1.83, D1.84, D1.86 and D1.88.