

# DeviceNet\* Brad® Mini-Change® Single-Ended Cordsets

**130024**

**Female  
Straight, Right Angle  
Thin Media  
Threaded**



### Features and Benefits

- Over-molded open style of DeviceNet connector provides for environmental protection and cable integrity strain relief
- Variety of form factor, cable type and length options available for maximum flexibility

### Mechanical

Body: Molded PVC  
Insert: PVC

### Physical

Contact: Phosphor Bronze  
Contact Plating: Gold over Nickel  
Operating Temperature: -20 to +80° C

### Environmental

Protection: IP67  
NEMA Rating: NEMA 6

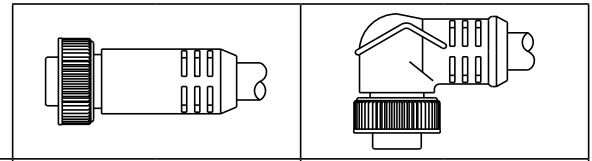
### Cables

#### DND—Thin Standard

Rating: 300V 80° C  
Outer Jacket: PVC  
Inner Insulation: Power—Semi-rigid PVC  
Data—PE foam  
Construction: Two shielded pairs, 22 AWG Tin-Copper drain wire between pairs  
Cable Jacket Color: Gray  
UL: CL2, AWM 2464  
CSA: FT4 Rated

#### DNDF—Thin High-Flex

Rating: 300V 80° C  
Outer Jacket: PVC  
Inner Insulation: Power—Semi-rigid PVC  
Data—PE foam  
Flexure: Rolling Flex > 1 million cycles at 10x bend radius  
Construction: Two foil shielded pairs, 26 AWG Tin-Copper drains between pairs  
Cable Jacket Color: Gray  
UL : CL3 AWM 20626, Flame UL 1581  
CSA : AWM: I/II A/B, 80° C, 300V FTI

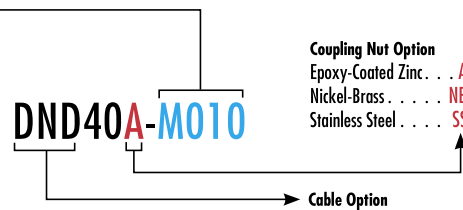


Poles (Female View)	Max. Current per Contact	Max. Voltage	Cable Type	Cable Jacket	Wire Size AWG	Cable Diameter	Length	Straight		Right Angle	
								Engineering No.	Standard Order No.	Engineering No.	Standard Order No.
	4.0A	300V AC/DC	Thin Cable	PVC	22/22	7.24mm	1.0m	DND10A-M010	130024-0215	DND90A-M010	130024-0232
			Thin, High-Flex	TPE	22/24	7.62mm	1.0m	DNDF10A-M010	130024-0353	DNDF90A-M010	130024-0355

Note: Sales drawings for all standard order numbers are available on [molex.com](http://molex.com)  
\*DeviceNet is a trademark of Open DeviceNet Vendor Association (ODVA)

**Configuration Code<sup>†</sup>**  
Build-a-Part Number

	Length	Code
Meters	2	M020
	5	M050
	10	M100



<sup>†</sup>Once an engineering number is created using the configuration code, consult Molex tech support for information regarding any part numbers.