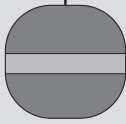


# Trunk Cable – Thick Flex

DeviceNet™

Thick Media



- Meets or exceeds ODVA for highest system reliability
- Rated over 1.4M flex cycles – 40% greater than most flex rated DeviceNet cabling

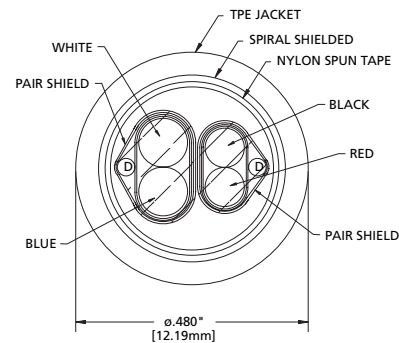
*Bulk flex-rated DeviceNet trunk cable allows you network design flexibility down to the last minute. Flex-rated cabling is designed to be applied in high flex applications such as machining centers, robots and gantries. It also allows you to route your trunk line where tighter bend radii are required. In combination with field attachable connectors the trunk line lengths can be determined at the last minute. The TPE-jacketed cable allows for cable installation in both weld slag and machine coolant environments without concern for cable degradation. Temporary field installations can also be configured using this cable until the final node-node lengths are determined at which time molded cordsets can be ordered to the exact size.*



## Specifications

<b>OVERALL RATING:</b>	300V, 80°C
<b>MATERIALS:</b>	TPE OUTER JACKET, PVC W/ NYLON SKIN INNER INSULATION (POWER) PE FOAM INNER INSULATION (DATA)
<b>FLEXURE:</b>	ROLLING FLEX >1.4M CYCLES @ 10X BEND RADIUS
<b>CONSTRUCTION:</b>	TWO SHIELDED PAIRS WITH #18 (19X#30) DRAIN WIRES BETWEEN PAIRS
<b>POWER PAIR WIRE:</b>	2#15AWG (19X#28) INDIVIDUALLY – TINNED COPPER
<b>SHIELDING:</b>	ALUMINUM OUTSIDE/POLYESTER TAPE 25% OVERLAP
<b>DC RESISTANCE:</b>	3.6 OHMS/1000FT MAX @ 20°C
<b>MAX AMPERAGE:</b>	8A
<b>COLOR CODE:</b>	RED/BLACK
<b>DATA PAIR WIRE:</b>	2#18AWG (19X#30) INDIVIDUALLY – TINNED COPPER
<b>SHIELDING:</b>	ALUMINUM OUTSIDE/POLYESTER TAPE 25% OVERLAP
<b>DC RESISTANCE:</b>	6.9 OHMS/1000FT MAX @ 20°C
<b>CAPACITANCE:</b>	12PF/FT
<b>COLOR CODE:</b>	WHITE/BLUE
<b>APPROVALS</b>	
UL:	CL3; AWM 20626, UL 1581
CSA:	AWM I/II A/B 80°C 300V FT1

### CROSS-SECTIONAL VIEW



PART NUMBER	DESCRIPTION
DNF00A-M500	THICK CABLE, FLEX-RATED, 15/18, 50 METERS
DNF00A-T100	THICK CABLE, FLEX-RATED, 15/18, 100 METERS

For product & technical information visit [www.woodhead.com/eCatalog](http://www.woodhead.com/eCatalog)