

# MIL-DTL-83513 Pigtail Harness / Slash 03, 04, 08, 09



MIL-DTL-83513



M83513 pigtail harness connectors are supplied pre-wired and are fully potted. Two types of #26 AWG insulated wire are available: M22759/11 Teflon® wire for general purpose applications, and M22759/33 Tefzel® wire for aerospace applications. #25 AWG solid copper wire per QQ-W-343 is also available, both gold plated and tin plated.

## RELATED INFORMATION

Performance Specifications	IBC*
Materials and Finishes	IBC*
Contact Arrangements	7-8
Panel Cutouts, Mounting Dimensions	9
Standard Dimensions	10
Jacking Hardware Kits	C-3,4

\* Available on the Inside Back Cover Fold-Out

## HOW TO ORDER

Prefix	Slash Number	Insert Arrangement	Wire Type	Shell Material/Finish
M83513/	<b>03</b> - Pin Connector, Metal Shell <b>04</b> - Socket Connector, Metal Shell <b>08</b> - Pin Connector, Plastic Shell <b>09</b> - Socket Connector, Plastic Shell	<b>A</b> - 9 Contacts <b>B</b> - 15 Contacts <b>C</b> - 21 Contacts <b>D</b> - 25 Contacts <b>E</b> - 31 Contacts <b>F</b> - 37 Contacts <b>G</b> - 51 Contacts <b>H</b> - 100 Contacts, (Metal Shells Only)	<b>Teflon</b> <i>M22759/11-26 Wire</i> <b>01</b> - 18" White <b>02</b> - 36" White <b>03</b> - 18" 10 Color <b>04</b> - 36" 10 Color <b>13</b> - 72" White <b>14</b> - 72" 10 Color <b>Irradiated Tefzel</b> <i>M22759/33-26 Wire</i> <b>09</b> - 18" White <b>10</b> - 36" White <b>11</b> - 18" 10 Color <b>12</b> - 36" 10 Color <b>15</b> - 72" White <b>16</b> - 72" 10 Color <b>Solid Uninsulated Wire</b> <b>05</b> - .5" Gold Plated <b>06</b> - 1.0" Gold Plated <b>07</b> - .5" Tin Plated <b>08</b> - 1.0" Tin Plated	<b>C</b> - Aluminum, Yellow Chromate over Cadmium Plated <b>N</b> - Aluminum, Electroless Nickel Plated <b>P</b> - Stainless Steel, Passivated  Omit For Plastic Shell  * MIL-DTL-83513 recommends that nickel-plated shells and M22759/33 wire be used for space flight.
<b>Sample Part Number:</b>				
M83513/	04	— B	03	C