

# PHD Fiber Optic Terminus Adapter for Combo D-Sub Connectors

## Hybrid Connector (Electrical/Fiber Optic)

Size 8 terminus adapter allows any PHD optical terminus to be coupled into Combo D connector.

### Multi-functional Interconnect Series

- Combining:
- 30 Amp power contacts (straight/right-angle)
  - RF contacts (straight/right angle)
  - Size 22 LF signal contacts (straight/right angle)
  - Size 22 Fiber Optic Termini (Singlemode & Multimode)

	Multimode 62.5/125	Singlemode SMF 28
Ferrule (O.D.)	1.25 mm	1.25 mm
Insertion Loss (dB typ.)	0.30	0.25
Maximum Loss (dB max.)	0.50	0.35
Return Loss (dB typ.)	25	56
Return Loss (dB min.)	20	50
Channel Servicing	Single	
Channel Repair	Single	
Cyclic Durability	1000	

Fiber Optic Terminus Part Numbers		
<b>Genderless Terminus</b> for use with PHD Adapters & Combo-D Connectors		
Fiber Type	Ferrule I.D.	Part Number
Singlemode SMF28	125	031-9727-007
Multimode 50/125 & 62.5/125	127	031-9727-008
Multimode 100/140	142	031-9727-003

PHD Adapter Part Numbers	
Pin	Socket
140285-0000	140286-0000

## PRODUCT NOTES

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| <p><b>1. Packaging:</b> Identification includes manufacturer's name and part number</p> <p><b>2. Material / Finish:</b><br/>                 Ferrule: Zirconia Ceramic / N.A.<br/>                 Terminus assembly: Brass Alloy / Gold plating<br/>                 Adapter assembly: Stainless steel / Passivate-hardware</p> | <p><b>3. Insertion / Removal tool:</b> (Termini): 274-0053-0000<br/>                 Extraction Tool (Adapter): CET-C6B-2</p> <p><b>4.</b> Consult factory for assembly and termination tools or factory build cable assemblies.</p> <p><b>5. Applications:</b> Military/Aero space Fiber Optic Interconnect environments.</p> |
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