

Prodigy®

Unique FTTH universal hardened connectivity solution that’s fast, simple and smart

Prodigy is CommScope’s new small form factor adapter and connector system for fiber terminals and cable assemblies. The hardened terminal uses the new modularity platform to facilitate requirements, technologies, and applications.



Prodigy® Drop Cables

Full-size converter

SC converter

Female Full-size converter

DLX converter

Features and benefits

- Small footprint for high-density environments
- Compatible with multiple hardened connectors
- Various converter options are pre-assembled and pre-installed
- Converters can be purchased separately as accessories
- Self-guided automatic alignment minimizes the chance of connection errors
- Cable assemblies with Prodigy are available with Flat, Universal flat for both dielectric and toneable options
- Built-in sustainability:
 - Reusable core connectors
 - Improved density
 - Fully recyclable
 - Electronic documentation with unique QR code
- Non-Proprietary

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Cable Type	A-Flat-Dielectric	B-Flat Locatable/ Toneable	C-Universal Flat Dielectric	D-Universal Flat Locatable/ Toneable	M-Mini Flat Dielectric	N-Mini Flat Locatable/ Toneable
Construction Type	Non-armored, gel-filled	Non-armored, gel-filled	Non-armored, gel-free	Non-armored, gel-free	Non-armored, gel-free	Non-armored, gel-free
Dimensions	4.5mm x 7.9mm	4.5mm x 9.91mm	4.6mm x 8.00mm	4.6mm x 9.91mm	2.8mm x 5.6mm	2.8mm x 7.6mm
Jacket Material	PE	PE	PE (PVC inner subunit)	PE (PVC inner subunit)	PE	PE
Minimum Bend Radius	8.6 cm	8.6 cm	9.2 cm	9.2 cm	6.0 cm	6.0 cm

NOTE: Single fiber only, black jacket color, UV Resistant and -40°C to +70°C operating temperature

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Prodigy® Hardened Terminals

Features and benefits

- Variety of technologies available
 - Splitter
 - TAP
 - Indexing
 - Stubless & Stubbed
- Integrated mounting features
- Smaller compact terminal footprint
- Adapters have color coded dust-caps to identify port type (input, thruport, and drops)
- 67% smaller than MST and 47% smaller than an HST with Full Size



	Technologies available	Small	Medium	Large
HST Series	Single-fiber: P2P/no splitters	2 ports	6 ports	12 Ports
		4 ports	8 ports	
	Single-fiber: P2P w/splitters	2 ports, 1x1:2	8 ports, 2x1:4	12 ports, 3x1:4
		4 ports, 1x1:4	8 ports, 1x1:8	
	Hybrid for multi-use		7 ports, 1x1:4 splitter, 3 P2P	12 ports, 1x1:8 splitter, 4 P2P
		4 ports, 1x1:2 splitter, 2 P2P	8 ports, 1x1:4 splitter, 4 P2P	11 ports, 2x1:4 splitter, 2 P2P, 1 HMFOC 4f
HMT Series	Multi -fiber	Up to 48f	Up to 96f	Up to 24f
		2 ports, each 2, 4, 6, 8, or 12f 6	6 ports, each 2, 3, or 4f	12 ports, each 2f
		3 ports, each 2, 4, 6, or 8f	8 ports, each 2, 3 or 12f	
		4 ports, each 2, 4, or 6f		
HTT Series	Optical taps	2 drops	4 drops	8 drops
HXT Series	Fiber indexing	12 fiber index only, 1f	12 fiber 1:4	12 fiber 1:8
		12 fiber index only, 2f	12f multi-use 2f + 1:4	12 fiber multi-use, 3f +1:4
		12 fiber index only, 3f	24f multi-use 2f	12 fiber multi-use, 4f +1:4
		12 fiber index only, 4f	24f multi-use 3f	12 fiber multi-use, 2f +1:8
		12 fiber multi-use, 2f	24f multi-use 4f	
		12 fiber branching, 2 to 6f per port		