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Features and Benefits

OptiTap® connector technology

Industry standard for existing FTTx installations

Reduced optimized cable cross section

Smaller profile and bend radius. Flexibility allows for increased slack storage capacity in existing optical network terminals (ONTs), pedestals and handholes

Robust design

Designed for rapid connection to external flush-mounted bulkhead adapters on terminals or closures. Integral pulling eye/connector cap on OptiTap connector designed for 100 lb maximum pulling tension; can be pulled through 1.25-in conduit

Flexible connector offerings

OptiTap[®] Connector SC APC or pigtailed versions to accommodate any ONT interface

Standards

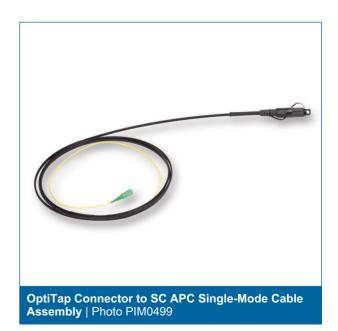
Design and Test Criteria Telcordia GR-3120

As an industry leader in optical connectivity products, Corning designs and manufactures the ROC[™] drop cable assembly with factory-terminated, environmentally sealed and hardened connectors to reduce the cost and time of drop cable deployment. Corning OptiTap[®] connector design provides superior durability and reliability in the drop segment of the network. This new assembly also offers significant improvements in cable management.

By featuring the ROC drop cable design, issues of slack storage capacity are virtually eliminated. The ROC drop cable minimum bend radius is half the size of legacy drop cable. The outer dimensions of the cable have been reduced by more than 50 percent. ROC drop cables are more flexible, allowing for easier routing and mating of OptiTap connectors at the ONT. Installers will see a reduction in truck storage space requirements with this new design.

- · Available with one or both ends connectorized
- Hybrid (one end with an OptiTap[®] Connector, one end with standard SC connector) available with or without pulling grip
- · Available in dielectric or toneable
- · Designed for aerial, direct-buried or duct installation
- · Self-supporting at 40 lbf installation tension, 150 ft





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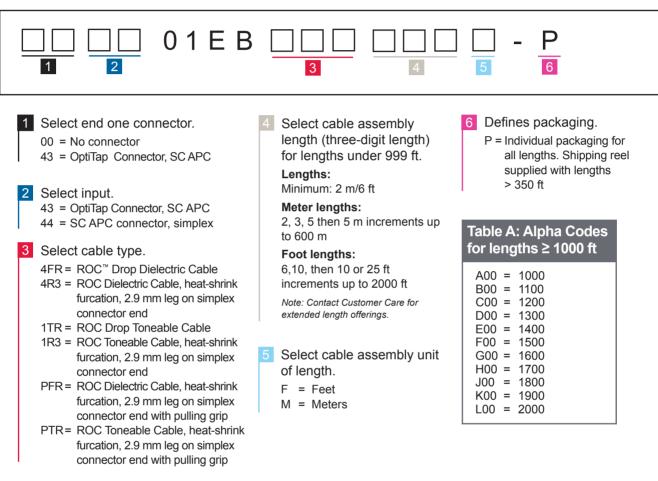
Specifications

Copper Connector	
Insertion Loss, Typical	0.15 dB
Reflectance, Typical	-65 dB

Cable Assemblies	
Axial Pull, Plug to Adapter Coupling Strength	50 lb
Axial Pull, Plug to Cable, Through the Dust Cap	100 lb
Cold Mate/Demate	-40 °C mechanical testing



Ordering Information



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Part Number Example

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Part Number	Product Description	Units per Delivery	
434301EB4FR200F-P	OptiTap [®] FastAccess [®] Technology ROC [™] Drop Assembly, 1 F, OptiTap to OptiTap, individual pack, dielectric, Single- mode (OS2), 200 ft	1/1	\mathbf{Q}
434301EB1TR350F-P	OptiTap [®] 1 F, OptiTap to OptiTap, Toneable, Gel-Free Cable Assembly, Single-mode (OS2), 350 ft	1/1	\mathbf{Q}

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