



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%. 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 connectorised
- Dual ended with pulling sock on one side for new-sites installation
- Designed for aerial with fused clamp, direct-buried or duct installation

Features	Benefits
OptiTap® connector technology	Industry standard for existing FTTx installations
Reduced optimised 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
Flexible connector offerings	OptiTap connector SC APC or pigtailed versions to accommodate any ONT interface

Standards	
Design and Test Criteria	Telcordia GR-3120, IEC and Openreach standards

Specifications

Cable Assemblies	
Axial pull, plug-to-adapter coupling strength	220N
Axial pull, plug to cable, through the dust cap	445N
Cold Mate/Demate	-40°C mechanical testing

Ordering Information

Openreach Item Code	Openreach Description	Corning Part Number	Corning Description
100621	Connectorised Drop Cable OH / UG 35m BOX	004301JB49R035M-BT	1F ROCFDRP SCAOPT/XXX 35M
100622	Connectorised Drop Cable OH / UG 65m BOX	004301JB49R055M-BT	1F ROCFDRP SCAOPT/XXX 55M
100623	Connectorised Drop Cable OH / UG 105m BOX	004301JB49R065M-BT	1F ROCFDRP SCAOPT/XXX 65M
100625	Connectorised Drop Cable OH / UG 160m BOX	004301JB49R160M-BT	1F ROCFDRP SCAOPT/XXX 160M
100626	Connectorised Drop Cable OH / UG 350m DRM	004301JB49R350M-BT-R	1F ROCFDRP SCAOPT/XXX 350M

Openreach Item Code	Openreach Description	Corning Part Number	Corning Description
92644	Connectorised Drop Cable Dual Ended 20m	434301JBPFR020M-BT	1F ROCDROP SCAOPT/SCAOPT LBL W/PG 20MT
92645	Connectorised Drop Cable Dual Ended 40m	434301JBPFR040M-BT	1F ROCDROP SCAOPT/SCAOPT LBL W/PG 40MT
92646	Connectorised Drop Cable Dual Ended 80m	434301JBPFR080M-BT	1F ROCDROP SCAOPT/SCAOPT LBL W/PG 80MT
92647	Connectorised Drop Cable Dual Ended 120m	434301JBPFR120M-BT	1F ROCDROP SCAOPT/SCAOPT LBL W/PG 120M
92648	Connectorised Drop Cable Dual Ended 160m	434301JBPFR1600M-BT	1F ROCDROP SCAOPT/SCAOPT LBL W/PG 160M

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